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Objective: Entry Level Full - Time Position in Structural Civil Engineering

Education: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Expected Date of Graduation May 2009 GPA: 3.24

Related Coursework:

Civil Engineering and Computer Fundamentals	Analytical Mechanics I
Surveying	Analytical Mechanics II
Fundamentals of CE AutoCAD	Introduction to Analysis and Design
Soil Mechanics	Design of Reinforced Concrete Structures
Foundation Engineering	Construction Project Management
Structural Engineering	Materials of Construction*
Intro to Transportation Engineering*	Design of Steel Structures*
Prestressed Concrete	Cost Estimating, Scheduling, and Project Control*

Projects: Major Qualifying Project (MQP)*, Worcester, Mass, Aug. 2008-Present
WPI New Athletic Facility

- Participating in a five-man project to conduct initial cost estimation and project management of the new athletic facility to be built for WPI. As a degree requirement this project also includes a design component which will include the structural analysis of a part of the building. Since the actual construction project is still in its earliest phases the team will design a mock draft of the new building as needed. (3 course equivalent)

Junior Interactive Qualifying Project (IQP), London, England, Jan.-Feb. 2008
A Study of City Knowledge in Merton

- Participated in a four-man project that designed the framework for an automated energy reporting system in the London borough of Merton. This was the first of three teams to design the prototype to be considered for citywide adoption. This system was conceived for monitoring compliance with the 10% renewable energy "Merton Rule" (3 course equivalent)

Computer Skills: AutoCAD 2007, Revit. Microsoft Office

Work Experience:

Home Depot, Worcester, MA, May 2006-Present
Head Cashier

- Promoted from Cashier • Supervise Cashiers • Manage Cashier Line-up • Provide Customer Service
- Operate Cash Register

Worcester Polytechnic Institute, Worcester, MA, Academic Years 2005-Present
Athletic Event Staff

- Provide General Assistance at Home Sporting Events

Hardy Exteriors, Worcester, MA, Summer 2005
Landscaper

- Provided General Yard Work • Conducted Minor Construction

Activities: American Society of Civil Engineers, 2006-Present
Newman Club, 2005-Present
Intramural Captain/Participant, 2005-Present

ASHLEY BLAUVELT

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Education: Worcester Polytechnic Institute, Worcester MA
Bachelor of Science Degree in Environmental Engineering,
Expected Graduation: May 2009; GPA 3.37

- Junior Interactive Qualifying Project (IQP)
- To be completed in San Juan, Puerto Rico during spring 2008
- Humanities Sufficiency completed in American History

Related Coursework:

Analytical Mechanics	Wastewater Treatment	Soil Mechanics
Transportation Engineering	Urban & Environmental Planning	Surveying
Environmental Engineering	Environmental Analysis	Auto Cad

Professional Experience:

Six Flags New England, Agawam, MA
Assistant Manager in Retail Dept. (July 2003 – August 2006)

- Service Superstar Award, June 2006
- Lead of the Year Award, August 2006

Walgreens Pharmacy, Enfield, CT
Customer Service Representative (November 2004-August 2006)

- Responsible for customer service and product quality

Professional Organizations:

Women's Industry Networking, (2007-present)

Activities:

WPI Women's Rugby Club, *Match Secretary* (2005-present)
Engineers Without Borders, *Student Chapter* (2005-2007)
Americares Home front project, *Volunteer* (2003-2005)

Technical Skills:

Computer: Highway Capacity Software, GIS, Microsoft Word, Excel, and PowerPoint
Machining: Lathe, Milling, Hand Tools
Surveying: Experience in leveling and with the use of a theodolite

MATTHEW BOUDREAU
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OBJECTIVE

To obtain a full time job in the Civil Engineering field

EDUCATION

2005-2009 Worcester Polytechnic Institute, Worcester MA
Bachelor of Science in Civil Engineering, Expected May, 2009

Related Courses:

Analytical Mechanics I	Urban & Environ. Planning	Water Treatment
Analytical Mechanics II	Intro to Analysis & Design	Surveying
AutoCAD	Design of Reinforced Concrete Structures	
Const. Project Management		

2001-2005 La Salle Institute, Troy NY

PROJECTS

Junior Interactive Qualifying Project (IQP), Boston, MA

Working with the Department of Neighborhood Development to promote and enhance Boston's "Change Card." It is a program designed to support small local businesses, neighborhoods and non-profit organizations. We will be working directly with the City of Boston to mine the current data and make recommendations on ways to improve the collection of data as well as working with other city organizations on ways the integrate the card.

Sufficiency Project, Samuel Kirkland's influence on Native Americans

WORK EXPERIENCE

Schnabel Foundation Company, Intern, Southborough, Mass: Summer 2008

Worked in office and on job sites. While in office work on take offs, organize field data, analyze design plans while working closely with project engineers. While on job sites work as engineer on site while monitoring key aspects of production as well as working as middle man between project engineers and field work.

Piasecki Steel Construction Company; Steel Fabricator, Castleton, New York: Summer 2007

Worked as a steel fabricator on many major bridge jobs, including the Pell Bridge in Newport, R.I. and on the bearings on the Dunn Memorial Bridge. Gained valuable experience in the fabrication process of steel, applying the design drawings and then doing the work on the steel

HRS Construction; Construction Laborer, Rensselaer, New York: Summer 2005 and 2006

Built additions, framed, roofed, and sided residential homes

ACTIVITIES

WPI Varsity Football 2005-Present

- 2008 Captain
- 2006 Liberty League Defensive Player of the Year, 1st Team D2/3 New England/Northeast LB
- 2006/2007 1st Team Liberty League LB
- 2005 Rookie of the Year

Sigma Phi Epsilon Fraternity 2005-Present

- VP Brotherhood Development
- VP Recruitme

JAKE CABRERA

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Objective

Full-Time position in the Structural Civil Engineering Industry

Education

- Worcester Polytechnic Institute, Worcester, MA Anticipated Graduation May 2009
Bachelor of Science in Civil Engineering Focus Area: Structural
Attending on a four year scholarship

Related Courses

- CE 3006 Design of Steel Structures • CE 3026 Materials of Construction • CE 3008 Design of Reinforced Concrete Structures • CE 510 Structural Mechanics

Projects

- *Senior Major Qualifying Project (MQP)*, WPI, Sep 2008-Mar 2009
Structural Development of WPI's New Recreational Center
Currently leading a four person team that is focusing on the design of WPI's new Athletic Facility.
- *Junior Interactive Qualifying Project (IQP)*, London, England, Mar-May 2008
Resource Development for the London Science Museum
Lead a four person team that focused on developing several educational resources for U.K. students in Key Stages 2 and 3. These resources reflected the Space and Flight exhibits in the London Science Museum and were made available in both the classrooms and Museum itself.

Professional Experience

- *MassHighway Internship*, Construction Department in the Boston H.Q. Summer 2008
Visited Project sites in different Districts to determine if all permits and environmental regulations were met. Edited Storm Water Pollution Prevention Plans and Health and Safety Plans to ensure all contract specifications were accounted in the plans. Organized information and meeting schedules for Resident Engineers regarding MassHighway's Diesel Retrofit Program.
- *MassHighway Internship*, Right-Of-Way Department in the Boston H.Q. Summer 2007
Assessed land in different Districts throughout Massachusetts. Visited Project sites and determined whether the construction work on the land was in accordance with the construction plans of Right-Of-Way. Organized spreadsheets containing all the Projects Right-Of-Way was currently working on. Attended weekly meetings with Structural Engineers, Environmental Engineers and Project Managers where we discussed Projects to be focused on for the week.
- *Dominican Republic Club*, Sosua in Dominican Republic Summer 2005
Volunteered in constructing and painting solid concrete homes at small villages. Acted as team leader for project management, mainly in the construction of steel support beams. Worked closely with the architectures that were involved. These homes were structured to provide shelter to less fortunate habitants. Additionally, helped to organize and distribute donations and food to nonsponsored children and families.
- *GB Painting, Boston MA* Summer 2005
Assisted in painting interior and exterior residential homes. Worked on maintenance projects throughout the summer and provided assistance with project management.

MICHELLE CARBONNEAU

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OBJECTIVE

To obtain a full time position in the field of Environmental Engineering

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Expected Graduation May 2009
Bachelor of Science in Environmental Engineering

Related Coursework: Surveying, Land Use and Control Development, Hazardous and Industrial Waste Management, Wastewater Treatment, Kinetics and Reactor Design, Environmental Engineering Laboratory, Environmental Impacts of Engineering Decisions

PROJECTS

Major Qualifying Project (MQP), Worcester, MA October 2008 – Present
“Cape Town Water and Sanitation”

Generating preliminary design concepts for a prototype communal water facility that integrates desired community water-related services in ways that embody an approach to sustainable development

Interactive Qualifying Project (IQP), Venice, Italy October 2007 - December 2007
“An Analysis of Boat Traffic in Venice and its Environmental Impacts”

- Led a team of four WPI students, working with organizations such as Red Fish and Forma Urbis, to improve the accuracy of the Venetian Traffic model by collecting data at intermediate canal intersections
- Developed and analyze the relationship between pollution and boat traffic
- Updated and created indices for boat produced noise and wake pollution

EMPLOYMENT

Nypro Inc., Clinton, MA May 2008 - Present
Environmental Sustainability Coordinator

- Collected corporate wide energy consumption data to develop and evaluate several potential baseline sustainability measures
- Identified a list of capable sustainability projects from the analysis of the baseline data
- Facilitating and organizing a project with the Green Suppliers Network between companies including Bayer, Saint-Gobain, and Baxter

Hannaford Bros., Wells, ME 2004-2007 Front End Service Leader

ACTIVITIES

Student Alumni Society	2008 - Present
Senior Class Board	2008 - Present
Relay for Life	2007 - Present
• Online Co-chair	2007
Women’s Industry Network (WIN)	2006 - Present
Habitat for Humanity	2006 - Present
Student Government Association	2006 - Present
• Public Relations Chair	2008
Phi Sigma Sigma Sorority	2005 - Present
• Sisterhood Development Chairman	2008
• Sunshine Chairman	2006 - 2007
Worcester Polytechnic Institute Tennis Team	2005 - Present

SKILLS

Computer: Microsoft Office 2007, MapInfo

Lab: DNA extraction, Gel electrophoresis, Titrations, Cell cultures, ELISA, Anatomical dissections

CHRISTOPHER TING-HIN CHEU

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EDUCATION:

Worcester Polytechnic Institute, Worcester, MA

Anticipated May 2009

Bachelor of Science in Civil and Environmental Engineering; Minor in History

RELATED COURSEWORK:

Architectural Engineering Systems, Fundamentals of Civil Engineering Auto Cad, Structural Engineering, Surveying, Soil Mechanics, Intro to Analysis and Design, Analytical Mechanics I, Analytical Mechanics II, Civil Engineering and Computer Fundamentals, Design of Reinforce Concrete Structure, Legal Aspect in Design and Construction, Design of Steel Structure, Materials of Construction

COMPUTER SKILLS:

Applications: Auto Cad 2008, Autodesk Revit Building, Microsoft Office

EXPIERENCE:

Intern – Engineer, Treviicos, Boston

Summer 2008

Participated in Projects:

- World Trade Center – Vehicle Security Center (NYC)
- Herbert Hoover Dike (Florida)
- Clearwater Dam (Missouri)
- Fogg Museum (Cambridge, MA)
- Wolf Creek Dam (Kentucky)
- Longwood Center (Brookline, MA)

Geotechnical related tests

- Bentonite Slurry design to determine ideal mixture for slurry wall
- Produce various sample for ASTM tests to determine strength and other properties

Estimating Department

- Create CAD drawings, i.e. soil profile, site plan, equipment layout, construction details, and more for presentation to client, subcontractor and all other partners
- Compile lists for submittals, and testing schedules base on project specifications
- Collect equipment efficiency data to produce charts for production rate estimates
- In depth estimate for steel quantity, soil excavation and concrete volume to determine cost and construction time

Senior Franchise Manager, College Pro, South Shore, MA

2005 – 2007

- 100 % Customer satisfaction
- Learned skills in areas of employee management, customer relations, self motivation, financial management, and marketing
- Complete a total sale of \$90,000 for my rookie year, achieved revenue of over \$100,000 for year two
- Managed 3 crews composed of 4 employees, and a team of 3 for marketing purposes

Interactive Qualifying Project, Windhoek, Namibia

Spring 2008

- A WPI science and technology project which relates to social needs – formulate a method for the Namibian Tourism Board to collect and distribute tourism data to relevant stakeholders

Study Abroad, Ifrane, Morocco

Fall 2007

- Study and Examine Muslim architecture and historic structures for history minor

KEVIN CURLEY

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Education: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil and Engineering
Expected Graduation: May 2009

Related Coursework:

Analytical Mechanics	Stress Analysis	Transportation Engineering,
Surveying	Introductory AutoCAD	Fluid Mechanics
Wastewater Management	Environmental Analysis	Urban and Environmental Planning

Academic Projects:

Interactive Qualifying Project Worcester, MA (June-Aug 08)

Stock Market Simulation: I will be working in a team of 3 to find out factors affecting the market and strategies to trade or invest to make good profit.

Skills Computer: Microsoft (Word, Excel, Outlook, Power Point)

Applications: AutoCAD 2007, Revit, Maple

Work Experience: 2005 -2007: Grounds crew at WPI.
Was responsible for all maintenance of selected WPI grounds including mowing, planting, mulching.

2003 - 2005: Lyman Orchards Farm Store
Assisted in general store maintenance as well as handling cashier registers

Activities: Member of Zeta Psi Fraternity (2005-Present)

- Steward – responsible for all food purchasing (2007)
- Sergeant at Arms – (2007-2008)

WPI Golf Club (Spring 2006, 2007, 2008)

NATASHA DESCHENE

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OBJECTIVE Full-time position incorporating civil engineering

EDUCATION Worcester Polytechnic Institute, Worcester MA
Bachelor of Science in Civil Engineering, Expected Graduation
May 2009, GPA 3.65

RELATED COURSEWORK

Analytical Mechanics, Analysis and Design, Surveying, Structural Engineering,
Materials of Construction, Design of Reinforced Concrete Structures, Construction Project
Management, Design of Steel Structures

PROJECTS Major Qualifying Project, Design of New Athletic Facility,
Worcester MA, September 2008-Present
Working in a team of four on a new athletic facility for WPI. The project scope includes:
designing, analyzing, project scheduling and cost estimating.

Interactive Qualifying Project, "Evaluating the effectiveness of 'Hands-On-
History' at the Tower of London," London, March-April 2008
Worked in a group of four surveying, observing, interviewing and counting visitor flow
for a new hands-on exhibit. Analyzed qualitative and quantitative results to determine
levels of visitor enjoyment, learning and attendance.

RELATED EXPERIENCE

Transmission and Distribution Engineering Intern,
Maine Public Service Company, Presque Isle ME, Summers 2007-2008
Assisted in the design of a new transmission line, created drawings, used a Global
Positioning System to locate current transmission lines, and surveyed new pole
locations.

ADDITIONAL EXPERIENCE Work Study, Athletic Office, WPI, December 2006-Present
Bank Teller, County Fed. Credit Union, Presque Isle ME, May-August 2006
Clerical Worker, Presque Isle Rec. Center, Presque Isle ME, June-August 2005

SKILLS Software: Microsoft Word, Excel, PowerPoint, Outlook, AutoCAD 2007 and
2009, PLS-CADD and PLS-POLE
Equipment: Topcon Total Station, Trimble Global Positioning System

ACTIVITIES Varsity Women's Basketball Team, August 2005-Present
WPI Student Ambassador, Admissions, March 2007-Present
Member, Chi Epsilon (Civil Honor Society), November 2007-Present
Women's Industry Network, October 2008-Present
NCAA Student Athlete Leadership Program, August 2006-March 2007

VOLUNTEER Big Brother/Big Sisters, Elm Park Elementary School, September 2005-Present
Relay for Life, Worcester MA, April 2007
Rodman Ride for Kids, Foxboro MA, September 2007

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OBJECTIVE

Entry-level position related to Environmental or Civil Engineering

EDUCATION

Worcester Polytechnic Institute, Worcester MA **Anticipated May, 2009**
Bachelor of Science in Civil/Environmental Engineering, Environmental Concentration GPA 3.97/4.0

ACADEMIC COURSES

• Hydraulics • Fluid Mechanics • Analytical Mechanics I & II • Water & Wastewater Treatment • Water Chemistry •
• Groundwater Modeling • Environmental Engineering Laboratory • Thermodynamics • Principles to Electrical Engineering

PROJECTS

- Interdisciplinary Qualifying Project – Copenhagen, Denmark March-May 2008
Developed a GPS-based teambuilding program for businesses at the Danish Open Air Museum
Worked collaboratively with two other group members (electrical engineer and aerospace engineer)
Program was so successfully accepted that it is currently being developed for final implementation
- Sufficiency Project August-October 2006
Performed as Mrs. Lovett in *Sweeney Todd*, WPI's first musical, and was in charge of the musical's publicity.

JOB EXPERIENCE

Intern, Woodard & Curran, Cheshire, CT Summer 2007, 200

- Completed the hydraulic analysis of a wastewater treatment facility's sludge pumps
- Calculated possible future flows and loads for a wastewater treatment facility
- Wrote a Stormwater Prevention Plan for an oil storage and delivery company
- Performed a stormwater system capacity assessment which involved using AutoCAD to delineate watersheds, calculate watershed areas, and delineate and calculate times of concentration

ACADEMIC HONORS

- WPI's Marietta E. Anderson Award for academic record, work-study experience, volunteering for college-sponsored activities, and participating in recognized extracurricular activities (2008)
- WPI's Ellen Knott Award for student involvement on campus as well as academic honors (2007)
- Honorable Mention for WPI's Class of 1879 Award for musical theatre sufficiency project (2007)
- Recipient of Entergy Corporation Scholarship Award for 2005
- Tau Beta Pi Engineering Honor Society
- Chi Epsilon Civil Engineering Honor Society
- Order of Omega Greek Honor Society

TECHNICAL SKILLS

AutoCAD 2007, Microsoft Excel, Microsoft Word, Microsoft Power Point, Microsoft Publisher

ACTIVITIES

- VOX Musical Theatre- **President**, 2006-present
- Community Advisor, 2007-Present
- Society of Women Engineers (SWE), 2006-present
- Alpha Gamma Delta Sorority- **New Member Coordinator**, 2005-present
- Crimson Key Tour Guide, 2008-present
- Masque Theatre Group, 2005-present
- Student Ambassador, 2006-present

MARGARET ELBAG

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Permanent Address:
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Education: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Environmental Engineering
Anticipated Class of 2009

Projects: Junior Interactive Qualifying Project (IQP), Boston, March-April 2008
Department of Neighborhood Development
Part of a four member team working with the Boston Main Streets Foundation to complete a data analysis of the Boston Community Change (BCC) program. We will be organizing the data visually using GIS tools and heat maps for the BCC and its members to easily view. We will be making recommendations on how to expand the program by integrating it with the MBTA.

Skills: Computer: GIS-Arc View, Microsoft Word, Excel, Visio and PowerPoint.

Experience: Laborer, Northern Estates, Inc., Rutland, MA, Summers 2004-2007.

- Major tasks included ordering and picking up materials and supplies, running errands
- Assisted with foundations and framing
- In charge of all landscaping responsibilities for two condo complexes; mowed lawns, took care of the gardens

Cashier/Counterperson, Bushnell Farms, Rutland, MA, Summer 2006.

- Handled and set up produce and meat, as well as sliced deli meat
- Washed dishes and worked the cash register
- Office filing and organizing

Activities: Habitat for Humanity, WPI Chapter, January 2008-present
NCAA Student-Athlete Leadership Program- 2007-2008
Women's Industry Network (WIN) - 2007-2008
Phi Sigma Sigma Sorority- January 2006-present

- Co-Chair of Fundraising, March 2007-Feb 2008
- Judicial Board Alternative, Feb 2008-present

Varsity Field Hockey- August 2005-present

BENJAMIN J. ERLE

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OBJECTIVE:

Full-time employment in the field of Civil Engineering that will allow me to learn and utilize engineering skills.

EDUCATION:

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Expected Graduation 2009, G.P.A. 3.27

Cushing Academy, Preparatory School, Ashburnham, Massachusetts, 2005

RELATED COURSES:

Auto-CAD, Introduction to Civil Engineering, Structural Engineering, Surveying, Construction Project, Management, Urban and Environmental Planning, Environmental Analysis, Materials of Construction, Land Use Development and Controls, Soil Mechanics, Hydraulics, Fluid Mechanics, Geology, Transportation, Foundation Engineering, Matrix Analysis of Structures

PROJECTS:

Major Qualifying Project:

Design of New Recreation Center at WPI August 2008-March 2009
Analyzing concrete and steel designs. We will also analyze the green aspects, cost and sustainability to produce the best option for the building design.

Interactive Qualifying Project:

August 2007-May 2008

Massachusetts Teacher Licensing

Obtained a Massachusetts Teacher's License by completing 150 hours of teaching and 75 hours of observation, passing the Communication and Literacy and the 8-12 Mathematics Massachusetts Teacher's Exam for Licensure (MTEL's).

Honors and Awards:

Dean's List for Spring 2008 Semester
Top Scholar-Athlete, Cushing Academy, 2005
National Honor Society, Tahanto Regional High School, 2003-2004
Boylston Police Scholarship 2004
Two First Congregational Church Scholarships 2004-2005
AHEPA (Greek fraternal organization) Scholarship 2005-2006

Extra-Curricular Activities:

WPI Varsity Baseball (2005-present)
WPI Varsity Football (2005-2006)
WPI Chapter of American Society of Civil Engineers (ASCE), (2006-present)

Work Experience:

Land Surveyor, Summers 2004 through 2008, Various companies

Job Description: Instrument operator who served to help out on job sites; Jobs included construction lay-out surveys, property surveys, as-built surveys, topography-detail work, etc.;

Equipment Used: Leica series total stations (1203 and 1105), Topcon total station, Geodimeter

Companies: Guerard Survey (2004, 2005), Jarvis Land Survey (2006), Atlas Land Survey (2007) and Schofield Brothers of New England (2007, 2008)

Substitute Teaching, Tahanto Regional High School, Boylston, MA September 2007 through May 2008

Substitute taught various math courses

CHAD MICHAEL FARRELL JR.

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OBJECTIVE:

Entry Level Position in the field of Civil Engineering and Construction Project Management.

EDUCATION:

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Anticipated Graduation May 2009

Relevant Courses:

Intro. to Civil Engineering and Computer Fundamentals, Analytical Mechanics I & II, Intro. to Analysis and Design, AutoCAD, Construction Project Management, Statistics, Fundamentals of Fire Safety, Water Treatment, Surveying, Accounting, Microeconomics, Macroeconomics, Fluid Mechanics, Materials of Construction, Heat Transfer, Thermodynamics

Doherty Memorial High School, Worcester, MA
High School Diploma, June 2005

SKILLS:

Software: Microsoft (Word, Excel, PowerPoint, Outlook) Application: AutoCAD, Maple, MATLAB, Rivet

ACADEMIC PROJECTS:

Major Qualifying Project, Worcester, MA., August 2008-Present

- Team of two
- Proposing and planning for the structural renovation of WPI's Kaven Hall Attic

Interactive Qualifying Project, Worcester, MA., August 2007-March 2008

- Team of two
- Created curriculum to teach high school students engineering disciplines
- Co-facilitated bridge building, egg drop, rocketry design, and electric motor projects so students could gain hands on experience before college

Humanities (Sufficiency), Worcester, MA., March 2007-Present

- Currently finishing Sufficiency in Spanish
- Beginner, Intermediate and Advanced levels taken

RELATED EXPERIENCE:

Massachusetts Highway Department, District 3, Worcester, MA., Summer 2007, Summer 2008

Construction Project Manager Intern

- Managed Route 146 and I-290 construction and development by coordinating construction workers' schedules and responsibilities
- Used AutoCAD to formulate site drawings
- Performed elevation surveys to formulate contour maps by hand
- Organized and collected job site samples to be sent to the lab for testing

WORK EXPERIENCE:

Shaw's Supermarkets, Worcester, MA., July 2004-October 2005

Produce Clerk and Services

The DCU Center, Worcester, MA., September 2005-December 2005

Security Guard

Worcester Polytechnic Institute: Plant Services, Worcester, MA., Summer 2006

Groundskeeper

The Sole Proprietor, Worcester, MA., March 2006-October 2006

Busboy, Parking Attendant

The Goat's Head Restaurant, Worcester, MA., August 2007-January 2008

Waiter

TRACY L. GOLINVEAUX

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EDUCATION

Worcester Polytechnic Institute

Bachelor of Science in Civil Engineering with Structural Concentration –Expected Graduation 2009

Master of Science in Fire Protection Engineering –Expected Graduation 2010

RELEVANT COURSES & PROJECTS & CERTIFICATIONS

Advanced Fire Suppression

Building Fire Safety

Thermodynamics

Differential Equations

Fire Dynamics

Fire Protection Systems

Fluid Mechanics

Materials of Construction

Reinforced Concrete Design

Soil Mechanics

Steel Design

Structural Engineering

Interactive Qualifying Project: Identified 10 rooftop locations for implementing solar power in Boston, MA and also researched social implications with the Boston Environment Department in the Mayor's Office at City Hall.

Major Qualifying Project: Designed and compared a traditional residential structure to a LEED certified structure. Also incorporated a fire protection system and performed a cost analysis.

Certifications: Occupational Safety and Health Administration-Construction Safety & Health (OSHA)

WORK EXPERIENCE

Internship, National Fire Protection Association (May 2008-August 2008)

- Researched fire incidents for the Research Foundation
- Researched literature on structural adhesives for the Building Fire Protection and Life Safety Dept
- Compiled information regarding NFPA fire investigations

Peer-Learning Assistant (PLA), WPI Civil Engineering Department. (August 2007-Present)

- PLA for Analytical Mechanics I, Analytical Mechanics II, and Introduction to Analysis and Design

Internship, Gilbane Building Company (May 2007-August 2007)

- Worked on-site during construction of a new 569,000 sqft office building and 2,500 space parking structure for Fidelity Investments Campus in Smithfield, RI
- Processed construction submittals
- Conducted soil erosion inspections
- Used Prolog and Prolog Web (file exchange system)

ACTIVITIES

WPI Student Chapter of the American Society of Civil Engineers (ASCE)-President (2007-08)

WPI Student Chapter of the Society of Fire Protection Engineers (SFPE)-Social Chair (2008-09)

WPI Student Chapter of the Society of Women Engineers (SWE)-Member (2007-09)

Women's Industry Network (2006-08)

WPI Social Committee -Annual Events Design Chair (2006-07) – Member (2007-08)

WPI Student Ambassador (2006-08)

Leading Edge Series (2006)-Leadership Program Graduate

TIMOTHY GRANT

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OBJECTIVE

Entry level position encompassing design and construction management aspects of civil engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester MA
Bachelor of Science in Civil Engineering, Expected Graduation May 2009

Major Qualifying Project (MQP)

WPI New Athletics Facility, September 2008 - March 2009

Team of five mimicked the role of a construction management firm working on WPI's new athletics facility. Worked alongside the real design team in order to produce rough cost estimates, community involvement measures, and the incorporation of BIM Modeling into the construction process.

Interdisciplinary Qualifying Project (IQP)

A Case of Environmental Information Systems, January - March 2008

Team of four developed recommendations to improve relations between a coal burning power plant and the local villagers of Mae Moh, Thailand.

SKILLS

Engineering:	Surveying, Drafting
Microsoft Applications:	Word (2003, 2007), Excel, PowerPoint, Outlook Express
Modeling Software:	AutoCAD, Revit, Solidworks, AutoCAD Civil 3D
Other:	Adobe Acrobat, Primavera

RELATED EXPERIENCE

Internship, May - August 2007

Tocci Building Company, Woburn MA

- Developed basic models of current construction issues for consultation purposes.
- Performed take-offs on projects under development. Updated and organized Revit library
- to increase efficiency and consistency.

ADDITIONAL EXPERIENCE

Peer Learning Assistant, Civil Engineering Department, WPI, August - October 2008

Associate, The UPS Store, 2004-Summer 2005

Hired Hands, Joe Fasso Landscaping. Summer 2004

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Cranberry Isles, ME 04625

OBJECTIVE

Entry level Environmental Engineer with a focus on water treatment, wastewater treatment, solid waste management or conservation.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Expected Graduation May 2009
Bachelor of Science in Environmental Engineering GPA: 3.64

ACADEMIC PROJECTS

Major Qualifying Project (MQP): Shanghai, China October-December 2008
Activity of Anaerobic Bacteria in the Treatment of Industrial Wastewater
To be completed in collaboration with the School of Environmental Science and Engineering, Shanghai Jiao Tong University with a focus on the use of immobilized anaerobic bacteria in the treatment of industrial wastewater.

Interdisciplinary Qualifying Project (IQP), Namibia March-May 2008
Fish River Basin Water Supply

Collaborated on an interdisciplinary team of four students (mechanical engineering, civil engineering, & humanities majors) to create a water and sanitation management system for the people of the arid Fish River basin region.

Humanities Sufficiency, Worcester, Massachusetts March-May 2007
Reversing the Fate of the Hudson River

Performed research on topics concerning pollution of the Hudson River. Investigated subsequent reforms/initiatives set forth to clean the river at the turn of the 20th century.

RELATED COURSEWORK

Soil Mechanics • Organic Chemistry • Geology • Fluid Mechanics • Hydraulics
Water Treatment • Wastewater Treatment • Hydrology • Environmental Analysis

COMPUTER SKILLS

KYPipe Hydraulic Modeling, ArcInfo Geographical Information System,
Microsoft Office (PowerPoint, Word, Excel, Outlook)

WORK EXPERIENCE

Mr. Pinchy's Lawncare, Cranberry Isles, ME May 2002-August 2007

Owner and Sole Proprietor

- Managed 2 employees
- Maintained the properties of over 35 commercial and residential customers
- Performed daily office operations including accounting and payroll
- Procured and maintained landscaping equipment
- Communicated with customers regarding future projects and concerns

ACTIVITIES

WPI Women's Rugby Football Club March 2006-present
Co-Captain, Vice President September 2007-present

- Lead practices
- Chose lineup for games
- Manage email alias'
- Performed paperwork duties

PROFESSIONAL SOCIETIES

Women's Industry Networking (WIN) September 2007- present
Society of Women Engineers (SWE) September 2006 –present

DOUGLAS HEATH

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Objective Employment in the Area of Structural Engineering

Education Andover High School Graduate, 2005
4th Year WPI Student, Civil and Environmental Engineering
Significant graduate coursework in 2008/2009 school year
Plans to pursue graduate degree in 2009/2010 school year

Academic Papers

Brent New Housing Survey 2008: This study involved a survey of over 4,500 new homes in the London Borough of Brent. The study showed that overcrowding in new homes had risen dramatically in the past seven years, and made recommendations to correct this problem. Also, the effect of ethnicity on household size, and the satisfaction of residents in these new homes were studied.

Bridge Design and Performance: This project will study the structural design of a highway bridge. Several design alternatives will be established and evaluated from a cost and constructability viewpoint. Finite element computer modeling will be performed to allow for analysis of complicated phenomena often simplified in design specifications. The results of the analyses will be compared to the simplified analysis techniques.

Honor Societies

Chi Epsilon (1 year)
Tau Beta Pi (1 year)

Awards

2007 USCSA Academic All-American
Captain of Alpine Ski Team in High School
Four Varsity letters for high school Alpine Ski Team
Honor Role

Professional Work Experience

Metcalf & Eddy Inc., May 2007 – August 2007, May 2008 – August 2008

Supervisor: Ronald Fiore (Chief Structural Engineer/CAD Manager) (781) 224-6320

Position: Structural Intern

Responsibilities: Structural design of rectangular concrete tanks of varying size. Experience in using computer software to aid the design process. Civil drafting of sewer separation project; worked closely with project engineers during the preliminary design report and worked as part of a large drafting team for the final design.

William F. Lynch Co. Inc., September 2006—October 2006 (mechanical contracting firm)

Supervisor: William J. Lynch (Owner) (508) 756-5705

Position: 7 Week Intern

Responsibilities: Assembling “Operations & Maintenance” manuals.

Software Experience

Risa-3D, AutoCAD, ANSYS, MathCAD, pca mats, LS-DYNA

Activities

WPI Alpine Ski Team (4 years)

Andover High Alpine Ski Team (4 years)

Permanent Address

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JENNIFER A. HIMOTTU

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School Address

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Worcester, MA 01609

OBJECTIVE

To obtain an entry level position within the Civil Engineering field concentrating on Structural Engineering.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA Expected Graduation May 2009

Bachelor of Science in Civil Engineering, GPA: 3.72

Related Undergraduate Coursework: Analytical Mechanics I & II, Intro to Analysis and Design, Surveying, AutoCAD, Materials of Construction, Structural Engineering, Reinforced Concrete, Design of Steel Structure

Related Graduate Coursework: Impact Analysis & Structural Crashworthiness, Elements of Performance in Building Design (May 2009)

MAJOR QUALIFYING PROJECT (September 2008 – March 2009)

Working with another student to research connection failures in highway bridges. Will design two highway overpasses with different connections. Will simulate designs with finite element analysis and apply them in a structural laboratory using small scale models to find the best design depending on strength, cost effectiveness and sustainability.

INTERACTIVE QUALIFYING PROJECT, Dept. of Infrastructure, Melbourne, Australia (March 2008 – May 2008)

Worked in a group of three students to improve the accessibility of the tram system for disabled passengers in Melbourne. This included creating a systematic rating system for assessing future stops to upgrade and conform to accessibility standards that applied to three target routes. Defined criteria by reviewing the current state of accessibility and interviewing a variety of stakeholders. Proposed an approach that will help to effectively focus project effort and funding to critical areas in the future.

WORK EXPERIENCE

Admissions Intern, WPI Admissions, Worcester, MA (February 2007 – present)

Co-conduct group information sessions for prospective students and families. Conduct personal interviews with prospective students and assist with on-campus events. Attend evening hotel receptions and college fairs when needed.

Engineering Intern, Tighe & Bond Consulting Engineers, Pocasset, MA (May 2008 – August 2008)

Drafted several grants including a \$75,000 DEP Water Conservation Grant. Determined cost estimating procedures for a variety of projects. Assisted with water and wastewater sampling.

Engineering Technician Intern, McNeil Engineering, LLC. Leicester, MA (May 2007 – August 2007)

Created septic and drainage plans for residential and commercial sites while working with a licensed professional engineer. Assisted with soil and percolation testing. Increased knowledge of Autodesk Civil 3D 2007 and Hydro CAD 8.0.

Senior Internship, Weidlinger Associates, Cambridge, MA (May 2005)

Gained experience by observing structural engineers for a month-long internship. Allowed to be part of the team's work day, conducted office tasks, attended project meetings and organized drawings as assigned.

ACTIVITIES, Worcester Polytechnic Institute

Senior Class Gift (Co-Chair),	2008-present
Campus Hearing Board Justice,	2007-present
Trustee Mentorship Program,	2006-present
Women's Industry Network,	2005-present
Nordic Ski Team (Co-Captain),	2005-present
Am. Society of Civil Engineers,	2006-present
Community Advisor,	2006-2008
Frontiers Program Assistant,	2006, 2007

AWARDS AND RECOGNITIONS

Tau Beta Pi—Engineering Honor Society (February 2008)

Chi Epsilon—Civil Engineering Honor Society (November 2007)

The Skull Senior Honor Society Trophy for

“Most Outstanding Member of the Freshman Class” (Received October 2006)

HA HOANG

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hha86@wpi.edu

Permanent Address:
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(508)667-0535

EDUCATION: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil and Environmental Engineering,
Expected Graduation May 2009 Current GPA: 3.41

Related Coursework: Analytical Mechanics I-II, Fundamentals of Civil Engineering
AutoCAD, Design of Steel Structure, Material of Construction, Structural Engineering,
Legal Aspect in Design and Construction, Design of Reinforced Concrete Structural
Systems, Architectural Engineering Systems

SKILLS: Computer: Microsoft Word, Excel, Power Point, RISA, AutoCAD, Revit
Foreign Language: Vietnamese (fluent).

PROJECTS: Major Qualifying Project: College Sustainability Design, Sep. 2008-present

- Work in an interdisciplinary team of three to collaborate with Stantec
- Develop a “master plan” to help campuses meet “American College and Universities Climate Commitment” by highlighting green building options

Interactive Qualifying Project: The Future of Worcester Auditorium, Oct. 2007-present

- Worked in an interdisciplinary team of three
- Researched historical data on building, and remodeling of Worcester Auditorium
- Analyzed the United States and Worcester economy to identify financial resources to successfully remodel structure

Design of Steel Structure, WPI, Oct. – Dec. 2007

- Selected and designed structural four story steel building using I-beam
- Calculated loads, stress, and deformation of the beam

Design of Reinforced Concrete Structural Systems, Jan. – Mar. 2007

- Calculated capacity of the reinforced concrete beam
- Designed office building by selecting appropriate beam made of concrete with internal steel

RELATED EXPERIENCE: Assistant Remodeler
Private Houses, Methuen MA, Summers 2005-2007

AWARDS: International Scholarship, WPI, 2005 - present

ACTIVITIES: Vice President, Vietnamese Students Association, WPI, 2005- present
International Student Council, WPI, 2005-present
Karate Club, WPI, 2007

SEAN P. KENNEDY

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Permanent Address:

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Objective:

Full-time Civil Engineering job upon graduating in May 2009.

Education:

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science, Civil Engineering

Expected Graduation May 2009

Relevant Courses: Analytical Mechanics I & II; Construction Project Management; Civil Engineering AutoCAD; Intro to Transportation Engineering; Soil Mechanics; Design of Reinforced Concrete Structures; Surveying; Intro to Analysis and Design; Civil Engineering and Computer Fundamentals; Materials of Construction; Wastewater Treatment; Legal Aspects in Design and Construction; Structural Engineering

Academic Projects:

Major Qualifying Project: Worcester, MA

September 08-April 09

- The renovation of the Kaven Hall attic entailed the re-design of the roof, attic floor, and stairwells. An elevator, two stairwells, dormers, bathrooms, skylights, and ventilation system had to be designed in order to bring the building up to code. A team of three students chose to carry out the design and planning of renovations on the current Kaven Hall attic.

Experience:

Summer Intern, **Unicorn Construction Enterprises**, Montvale, NJ (201)-722-4774

May 2006-July 2006

- With Unicorn Construction I worked on renovations of bridges and sidewalks throughout the five boroughs of New York City, and I also would study site plans and calculate cost estimations for certain job sites. I was shown proper safety techniques while working on a job site around bridges and railroads, and was also certified to work on Metro-North Railroad property.

Summer Intern, **Unistress Corporation**, Pittsfield, MA (413-499-1441)

May 2008-August 2008

- While employed with Unistress Corporation I designed IT beams, columns, double tee beds, L-beams, elevator shafts, and any other aspects required to produce the essential parts of parking garages which they manufactured at their factory in Pittsfield. For the second part of my internship saw me working side by side with their project managers in various sites in Yonkers, NY and in the Bronx at the new Yankee Stadium site.

Technical Skills: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Civil AutoCAD software, Revit, Risa-2D (Structural Analysis Software), Primavera

JOSEPH A. KRASINSKAS

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Home: 5 Stone School Road | Sutton, MA 01590 | 508.277.6560

OBJECTIVE: Entry-level position in Civil Engineering with leadership development opportunities

EDUCATION: Worcester Polytechnic Institute, Worcester, MA Expected Graduation May 2009
B.S. in Civil and Environmental Engineering, Minor in Music GPA: 4.00

Related Coursework:

Hydrology | Environmental Engineering | Hydraulics | Wastewater Treatment
Fluid Mechanics | Design of Steel Structure | Materials of Construction | Surveying
Structural Engineering | Civil Engineering AutoCAD | Thermodynamics | Soil Mechanics
Urban and Environmental Planning | Chemical Engineering Fundamentals

PROJECTS: Interactive Qualifying Project: Analysis of Funded Engineering Education Projects
National Science Foundation, Arlington, VA (October – December 2007)
Worked on a team of three students to profile awards for engineering education made from 1999 to 2007. Using interviews with NSF staff, Senate Education Advisors, and other stakeholders to identify vital characteristics, a database was created and analyzed. The NSF was provided a detailed evaluation of funded projects.

EXPERIENCE: Engineering Intern, Wastewater Treatment and Hydraulics Teams
Tata & Howard, Inc., Westborough, MA (May 2008 – August 2008)

- Create and revise AutoCAD worksheets and GIS maps
- Revise job specifications and ensure shop drawings match these specifications
- Work closely with other members of the wastewater treatment and hydraulics teams

Orientation Leader/Peer Academic Advisor/Community Advisor
Worcester Polytechnic Institute, Worcester, MA (March 2006 – Present)

- Facilitate orientation and support freshmen through transitional/academic issues
- Organize and manage events on conflict/stress/time management and other topics
- Collaborate with faculty and resident advisors for comprehensive programming

ACTIVITIES AND AWARDS:

WPI Track and Field

- Captain, Division III All-New England Team, NEWMAC All-Academic Team
- Created and implemented a mentoring program to support first-year athletes

Phi Kappa Theta Fraternity

- One of eleven members who founded a new type of social fraternity
- Created recruitment plan designed to engage upperclassmen in campus leadership roles

ADDITIONAL: Frank D. DeFalco Award
Habitat for Humanity
Crimson Key Admissions Tour Guide
Sutton Memorial High School:
Valedictorian of the Class of 2005
Concert Band, Brass Ensemble, Orchestra
Eagle Scout – Boy Scouts of America
(September 2002)

COMPUTER SKILLS: Design: AutoCAD, Autodesk Revit Building
Application: Microsoft Excel, Word, Outlook, and PowerPoint

ADAM M. KREITMAN
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COLLEGE EDUCATION

2004-2005 United States Military Academy West Point, NY 10997
2005-2008 Worcester Polytechnic Institute Worcester, MA 01609
B.S. Civil Engineering/Minor Law
- Knowledge of CAD
- Trained in Land Developer
- GIS Programming

WORK EXPERIENCE

2006-2008 Piasecki Steel Construction
Pell Bridge (Cable Suspension)

- Worked on and with the cables, opening and assessing the wraps, cables and tension
- Built and worked on scaffolding that met safety regulations
- Unwrapped compressed and rewrapped cables according to RI bridge authority specifications

Albany, NY (Truss Bridge)

- Repaired most steel members along with roller and rocker joints
- Built and replaced slider joints
- Chiseled the concrete piers and laid new concrete for a stronger pier as well as raised the bridge using a compression jacking-system

South Grande Island (Truss Bridge)

- Repaired steel members and joints
- Gained experience and the proper techniques on managing a construction site
- Acquired an understanding of how to work with air compression and other common tools and also learned proper techniques on how to use a and rig a winch

2005-2006 HST Group

- Surveyed and drafted design specifications for different sizes and shapes of land assessments
- Utilized Land Developer software in the design of properties
- Gained experience in the knowledge of how to run a civil engineering firm.

PROJECT EXPERIENCE

Individual Qualifying Project (IQP) Grafton, MA Sewage System

- Worked within a project group and in conjunction with town officials from Grafton, Ma to develop an electronic means for inventorying, updating, and analyzing the sewer infrastructure
- Used MapInfo to create this database and run analysis on the condition, age, expected replacement date and flow rates of the pipes
- Collaborated with the town to move towards GASB-34 compliance by estimating the worth of the system and created an electronic means to update both financial and maintenance records

LEADERSHIP EXPERIENCE

- USMA Cadet _ Member of the NCAA Leadership Committee
- 2x Captain of Wrestling Team _ President of the Freestyle Wrestling Club
- President of the Zeta Psi Fraternity
- (Awarded Brother of the Year)
- Student-Athlete Advisory Committee

EXTRACURRICULAR CLUBS & ACTIVITIES

Wrestling Team, Rugby Team, Zeta Psi Fraternity, Inter-fraternity Council (IFC),
Youth Wrestling Coach, Freestyle Wrestling Club, ASCE, Golf Club

ALEXANDRA KULINKINA

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OBJECTIVE Entry-level position in the Civil and Environmental Engineering field

EDUCATION Worcester Polytechnic Institute, Worcester, MA. Expected graduation: May 2009
Bachelor of Science in Civil and Environmental Engineering (GPA 3.71)

Related Coursework:

Completed: hydraulics, water and wastewater treatment, environmental engineering laboratory, core structural courses, fundamentals of transportation engineering and urban planning

In progress: kinetics and reactor design, air quality management, hazardous and industrial waste management, water chemistry, physical and chemical treatment processes

PROJECTS

Brackish Water Pretreatment, August 2008 – present

- Senior design project
- Developing brackish water pretreatment process for reverse osmosis and electro dialysis reversal

Environmental Communication in Mae Moh, Northern Thailand, October 2007 – March 2008

- Improved environmental communication between Electricity Generating Authority of Thailand (EGAT), a coal burning power plant and a rural community
- Evaluated EGAT's communication effectiveness using risk communication research and participatory approaches
- Provided EGAT with guidelines to increase information accessibility and comprehensibility

EXPERIENCE Woodard & Curran, Intern, Andover, MA, Summer 2007 and 2008

Wastewater:

- Inspected diversion stations and created AutoCAD drawings
- Performed hydraulic evaluations of sewer line and pump station capacity
- Assisted in sewer design to address insufficient capacity of sewer lines
- Assembled and submitted Clean Watershed Needs Surveys and other reports to DEP
- Conducted wastewater sampling for Wastewater Treatment Facility complete headworks analysis
- Assisted with various GPS/surveying needs

Water:

- Performed fire hydrant flow testing and evaluated data
- Assisted in developing unidirectional flushing program for the city of Lawrence, MA
- Performed tracer study in a clearwell to determine chlorine contact time

Tata & Howard, Intern, Westborough, MA, September – December, 2007

- Created and edited GIS maps and AutoCAD drawings
- Reviewed specifications and structural plans
- Assisted with various water and wastewater engineering projects

AWARDS Forum on Education Abroad Undergraduate Research Award 2008

- Presentation of Thailand project at Int'l Research Forum Conference (February 2009, Portland, OR)
 - Publication of work in *Frontiers: The Interdisciplinary Journal of Study Abroad* (Spring 2010)
- Dean's List, Second Semester 2007 – 08 academic year

SKILLS Computer: Microsoft Office, AutoCAD 2007, ArcView GIS

Languages: Fluent in Russian, elementary Spanish and Thai

Field/Laboratory: QA/QC procedures, basic physical/chemical/biological analytical procedures

ACTIVITIES Tau Beta Pi, 2008 – present Chi Epsilon, 2007 – present

Alpha Phi Omega, 2006 – present

Society of American Military Engineers, 2002 – present

U.S. Naval Sea Cadet Corps, 2001 – 2005

CHARLES A. LABBEE III

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OBJECTIVE:

Full-time employment in the field of Civil Engineering.

EDUCATION:

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Expected Graduation May, 2009

Related Courses:

Construction Project Management, Design of Reinforced Concrete, Design of Steel Structures, Materials of Construction, Structural Engineering, Surveying, Transportation, Foundation Engineering, Auto-CAD

EXPERIENCE:

Major Qualifying Project: Design of the Recreation Center at WPI August 2008-Present
Research design for the recreation center. Analyze steel and concrete structures including foundations. Compare cost, constructability, sustainability aspects, and green options to design the best structure.

Interactive Qualifying Project: Climate Change Research Analysis October-December 2007
Environmental Protection Agency (EPA)
Researched and evaluated current state of climate changing technologies and funding opportunities from U.S. departments and agencies. Compared technologies, recommended where to appropriately spend research money within the National Center of Environmental Research (NCER) with the EPA to create an impact or influence a break through.

WORK EXPERIENCE:

Engineering Aid: Northampton, MA May-August 2008
Massachusetts Highway Department: Worked under the State Resident Engineer on two roadway construction jobs. Inspected contractor progress on a daily basis and carried out resident engineer tasks (official records, cost estimates and material tests)

Inventory Management/ Quality Control: Easthampton, MA June-August 2001-2007
Baystate Machine Company: Performed various duties under a mechanical engineer. Conducted quality control, maintained tool inventory. Operated quality control equipment and machinery for .

HONORS AND AWARDS:

Edward Lincoln Scholarship, 2006-present
George Perry Umpire Scholarship, 2005-2006
Joseph "Cy" Connor Baseball Award, 2005-2006

ACTIVITIES:

WPI Varsity Baseball 2005-2007
WPI Chapter of American Society of Civil Engineers (ASCE), (2005-present)

DEREK LEE

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OBJECTIVE

An undergraduate student who is focused on his studies and is ready for a career path where he can apply his skills.

EDUCATION

Bachelor of Science *Worcester Polytechnic Institute* Expected May 2009

- Major: Civil Engineering (with a Structural Engineering focus)
- Related Course Work: Analytical Mechanics, Structural Analysis, Surveying, Materials of Construction, Design of Steel Structure, Fundamentals of AutoCAD, Transportation Engineering, Environmental Engineering, Soil Mechanics

SKILLS & ABILITIES

Management

- Organized many camping events to various locations, including Canada, New Mexico, and New Hampshire.
- Helped organized volunteer events with Red Cross (i.e. Walk for Hunger, Food Pantry, Special Olympics) as well as plan events for First Aid awareness.

Computer

- Experienced with AutoCAD and MicroStation.
- Familiar with most of the Microsoft Office applications, REVIT, and currently learning PRIMAVERA.
- Skilled with Internet browsers.

Communication

- Proficient in speaking Chinese (Cantonese).
- Worked on a research project with two other undergraduate students on the effects on the United States' economy of using a soybean based biodiesel process.
- Currently working on a Major Qualifying Project involving capturing solar thermal energy from pavements.

Leadership

- Served as patrol leader through the Boy Scouts of America (and now an Eagle Scout).
- Worked with Association for Diversity in Action, which was a discussion oriented learning group about racism, sexism, and other issues concerned with diversity.

EXPERIENCE

Intern

Massachusetts Bay Commuter Railroad

July 2008 to August 2008

- Collected data for train passenger counts.
- Worked with groups to split up the passenger counts.

Intern/Co-Op

Parsons Brinkerhoff Quade and Douglas, Inc.

May 2007 to August 2007

- Responsible for helping various projects, using XReffiles.
- Worked with AutoCAD and MicroStation to work with drawings and fix markups.
- Plotted several scaled drawings.

CARA MARCY
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SCHOOL ADDRESS

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HOME ADDRESS

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Dennis, MA 02638

OBJECTIVE

To obtain a job in the fields of chemical and/or environmental engineering

EDUCATION

Worcester Polytechnic Institute

Worcester, MA

Bachelors of Science in Chemical Engineering

Year of Graduation: 2009

Bachelors of Science in Environmental Engineering

Current GPA: 3.4

Related Course Work:

CH 2310 Organic Chemistry I, II

GOV 2311 Environmental Policy and Law

ES 3004 Fluid Mechanics

CH 4403 Chemical Engineering Design

Major Qualifying Project Shanghai, China

2008 - 2009

The Effects of Hydrophobicity of Natural Organic Matter of Charged

Ultrafiltration Performance, drinking water purification research project

Interactive Qualifying Project Worcester, MA

2007 - 2008

Sustainable Woody Biomass as a Renewable Energy Source for the

Commonwealth of Massachusetts research paper on the feasibility of wood biomass as a renewable source

EMPLOYMENT

ISO New England (Company that regulates the Grid) Holyoke, MA

Summer 2008

- *System Planning Department*, Updated emissions database for the electric utility generation within New England and produced summaries of emissions and Renewable Energy Credits

Cotuit Solar (Solar Panel Installation Company) Cape Cod, MA

Summer 2007

- Site Evaluation, reviewed homes for an assessment of the size of a system and its location through 3-D modeling
- System Installations, installed or did repair work on photovoltaics, solar domestic hot water, evacuated tubes, solar space heat, and pool heat

EXPERIENCES

The San Lucas Mission San Lucas, Guatemala

Summer 2008

- Volunteer in Guatemala building homes and working on reforestation

Step It Up 2007 Worcester, MA

Spring 2007

- Coordinator for a nationwide Environmental Action calling for congress to lower carbon emissions by 80% by 2050

Common Ground Collective New Orleans, LA

Summer 2006

- Volunteer working on rebuilding the homes within the 9th Ward of New Orleans from after effects of Katrina. Worked on the following projects:
Healthy Soil Project: Soil testing and contaminate removal
Wetland Restoration Team: Policy tracking for wetlands

ACTIVITIES

- *Brother, Alpha Phi Omega* Community Service Fraternity 2005 - present
- *Vice President of Master Carpentry, Masque Theatre* Organization 2005 - present
- *Rising Star* Recognized by the **Cape Cod Times** for outstanding work in community service Spring 2005

CHRISTOPHER MEHR
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EDUCATION

2005- (Expected December 2008) Bachelor of Science in Civil and Environmental Engineering
Worcester Polytechnic Institute, Worcester MA

Related Courses and Developed Skills:

Const. Project Management Urban & Environ. Planning Water Treatment

Surveying Intro to Analysis & Design Analytical Mechanics

AutoCAD Design of Reinforced Concrete Structures Soil Mechanics

Primavera Project Scheduling Ret-Screen (Solar Analysis Software) Word/Excel

2002-2005 Bishop Guertin High School, Nashua, NH

PROJECTS

Senior Major Qualifying Project (MQP), Worcester, MA

Investigating the feasibility of renewable energies in municipal buildings. (In progress)

Junior Interactive Qualifying Project (IQP), Boston, MA

Worked on the "Solar Boston Project" to help implement alternative energy uses, lower our dependencies on diminishing fossil fuels and decrease the harmful gas emissions that are destroying our environment. We worked directly with the City of Boston recording and analyzing solar data in order to find the best energy/cost efficiencies.

WORK EXPERIENCE

2006-2008 Eckman Construction; General Contractor, Bedford NH

Office Work (2008): Project manager assistant, checking submittals/closeouts to meet specs.

Field Engineer (2007): doing layout for \$10-\$45 million dollar projects. Learned to use total station, survey level, and auto level. Learned to operate various types of equipment.

Experience Gained: understanding construction plans, doing layout work and dealing with subcontractor-personnel. Gained valuable experience in the office understanding the work needed to plan, execute and manage multiple major projects. Became OSHA Certified.

2005 Severino Trucking; General Contractor, Candia, NH

Construction Laborer

ACTIVITIES/INTERESTS

2006- Sigma Phi Epsilon

2007- WPI Toastmaster Founder

2006- WPI Golf

2005- Bishop Guertin High School Varsity Football (letter), Basketball (letter)

1996- St. Elizabeth Seton:

Altar Server / Eucharistic Minister, Bedford, NH.

SARA A. MIGDAL

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Phone (home): 518-882-1167

Objective

To obtain a career in a civil engineering profession that focuses on structural engineering, especially bridge engineering, incorporating the use of computer based design.

Education

Worcester Polytechnic Institute, Worcester, MA Overall GPA: 3.15 CE GPA: 3.40
Bachelor of Science in Civil & Environmental Engineering Graduation: Expected Graduation May 2009

Projects

Major Qualifying Project

Analysis & Re-Design of a Structurally Deficient Highway Overpass - A-C Term 2008-2009

- Analyze a structurally deficient bridge and re-design the bridge using a more sustainable design
- Select construction materials based on cost analysis and life cycle

Interactive Qualifying Project

Urban Maintenance & Venetian Accessibility - Venice, Italy, B Term 2006

- Analyzed the progress of urban maintenance including canals, bridges, docks and utilities
 - Created Automated GIS maps displaying danger zones of docks, location of useable docks, and Island Accessibility
 - Designed a web application, Navigate Venice, to assist mobility impaired individuals
- Sufficiency – The Evolution of Sports Media, A Term 2008

Related Coursework

Analytical Mechanics I & II, Introduction to Analysis and Design, Materials of Construction, Civil Engineering & Computer Fundamentals, Software Applications in Civil Engineering, Soil Mechanics, Fundamentals of Civil Engineering AutoCAD, Urban & Environmental Planning, Surveying, Hydraulics, Design of Reinforced Concrete Structures, Design of Steel Structures, Architectural Engineering Systems, Foundation Engineering

Computer Skills

Microsoft Office, AutoCAD, Autodesk Inventor, Revit Architecture, Revit Structure, Civil3D, Adobe Photoshop, Google Earth

Work Experience

Geology PLA – Worcester Polytechnic Institute, Civil Engineering Department, August 2008 – October 2008

- Assisted the professor and teacher's assistant with the correction and organization of papers

Spektra s.p.a. - Milan, Italy, July 2007 - August 2007

- Created a competitive analysis of the industry's leading companies.
- Operated surveying equipment and examined related fieldwork in a construction site.
- Tutored Italian speaking employees in basic English

First Friends Day Care Center - WPI Community Service Work Study Department, Worcester, MA, September 2006 - present

- Supervised infant children as a child care assistant

Fire Protection Engineering Office - Worcester Polytechnic Institute Work Study, Worcester, MA, September 2005 - May 2006

- Organized office supplies, filed papers, made copies, and completed other regular office tasks

Extra Curricular Activities

Relay For Life Publicity Co-Chair, January 2008 - present

- Responsible for organizing all campus advertising for event

Senior Class Board, Senior Week Committee, May 2008 - present

American Society of Civil Engineers, September 2007 – present

Big Brothers/Big Sisters, September 2006 – present

- As softball team liaison, organized events to bring little sisters to campus

SocComm Films Co-Chairman, January 2006 – January 2007

SocComm Arts Co-Chairman, January 2007 - January 2008

- Managed a \$40,000 budget to plan events for students on and off campus
- Raised funds to bring Mythbusters speakers to campus for a \$17,000 budget

Woman's Industry Network, September, 2006 – May 2008

NCAA Student Athlete Leadership Program, September 2006 - May 2006

WPI Woman's Varsity Softball, August 2005 – present

- Served as team captain in 2008-2009 season

JOCELYN MOODY

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Permanent Address:
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B.I., WA 98110
(206) 842-0322

EDUCATION

Expected Graduation May 2009 Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science, Civil and Environmental Engineering
June 2005 Bainbridge High School, Bainbridge Island, WA

COMPUTER SKILLS

Proficient in: Microsoft Word, Microsoft Power Point, Microsoft Excel, AutoCAD, Google SketchUp,
and Revit Intermediate in: AutoCAD Civil 3D, Maple and Mobility

EXPERIENCE

Fall 2008 Worcester Polytechnic University, Worcester, MA

Major Qualifying Project: worked with a group of students to redesign a structurally deficient highway overpass, as well as study the stormwater management system used in the City of Worcester

Summer 2008 D. H. Briant and Associates, Bainbridge Island, WA

Intern: worked independently doing AutoCAD drawings and Google SketchUp three-dimensional models

Spring 2008 Worcester Polytechnic University, Windhoek, Namibia

Interdisciplinary Qualifying Project- worked with a group of students to create affordable and sustainable erosion control systems for a settlement in Namibia

Summer 2007 City of Seattle, Seoul, South Korea

Intern- independently studied and observed graduate students at Seoul National University in the rainwater harvesting lab in the Department of Civil and Environmental Engineering

Summer 2006 King County Department of Transportation, Seattle, WA

Intern- worked independently for the Road Services Division doing road logging and road inventory, became proficient working with the computer program Mobility

EXTRACURRICULAR

Fall 2005-present	NEWMAC Academic All-Conference Team
Fall 2006-present	NCAA Leadership Development Program, Worcester, MA
Fall 2005- present	WPI Women's Varsity Soccer, Worcester, MA Captain, 2006 Most Valuable Player Award
Winter 2005-present	Intramural Basketball, Worcester, MA
Spring 2004	Spanish Exchange Program, Bainbridge Island, WA
Fall 2005	High School Varsity Soccer, Bainbridge Island, WA
Fall 2002-2004	High School Junior Varsity Soccer, Bainbridge Island, WA Captain, Most Valuable Player Award
Winter 2002-2005	High School Varsity Basketball, Bainbridge Island, WA
Spring 2002-2005	High School Varsity Tennis, Bainbridge Island, WA
Fall 1996-2005	Select Soccer, Bainbridge Island, WA Captain

KAREN O'SULLIVAN

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603.508.1593 kosull@wpi.edu

EDUCATION

Worcester Polytechnic Institute, Worcester, MA

Bachelor of Science, Civil Engineering· Expected Graduation Date: May 2009

Pelham High School, Pelham, NH

· High School Diploma - Graduation Date: June 2005

RELATED COURSEWORK

- Transportation Engineering· Materials of Construction· Structural Engineering· Surveying
- Construction Project Management· Soil Mechanics· Auto-CAD· Soil and Bituminous Materials

EXPERIENCE

Head Lifeguard Summer 2007

Haverhill Country Club, Haverhill, MA

- Primary responsibilities included coordinating and supervising lifeguards and swim instructors.
- Worked independently completed managerial and maintenance.
- Developed and implemented a swim lesson program.

Assistant in Equipment and Facility Management Summer 2006

Worcester Polytechnic Institute, Worcester, MA

- Assisted Athletic Equipment and Facilities Managers in completing various tasks.
- Primary responsibilities included lifeguarding and supervising the pool and fitness center.

Assistant to Engineering Staff June 2005 – Jan. 2007 *Arcadis, Lowell, MA*

- Completed various office tasks independently to aid a staff of eight engineering professionals.
- Primary responsibilities included report producing, collating, filing, and data entry.

Lifeguard and Swim Instructor Nov. 2003 – Aug. 2005 *Andover/N. Andover YMCA, Andover, MA*

- Monitored activities in a large swimming facility to prevent accidents and provide assistance to patrons.
- Instructed swimmers of all levels at a group and individual structure.

RACHEL PATENAUDE

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Permanent Address:
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West Bridgewater, MA 02379
508-588-517

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
Masters of Science in Environmental Engineering, Expected Graduation May 2009 GPA 4.0

Related Coursework:

Physical & Chemical Treatment Processes, Groundwater Flow & Control Hazardous and Industrial Waste Management, Water Chemistry, Hazard Analysis & Risk Management, Water Quality Management, Occupational Health & Safety, Geohydrology

Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil & Environmental Engineering, May 2008
Minor in Spanish, March 2007 GPA 3.64

University of Granada, Granada, Spain, May-July 2006

PROJECTS

Sufficiency: Intensive Spanish Study, March 2005-July 2006

Completed a study abroad experience at the University of Granada, Spain, following the completion of coursework in conversational Spanish at WPI. Applied language skills, learned and obtained a better understanding of the Spanish language and culture.

Interactive Qualifying Project (IQP): San Juan, Puerto Rico, Jan 2006-May 2007

Worked in a team of three at CSA Group in San Juan, Puerto Rico. Evaluated sustainable technology implementation in water infrastructure projects based on the company's goals. Established methods to promote energy efficiency to future clients of CSA.

Major Qualifying Project (MQP), August 2007-March 2008

Working in a team of three, researching and evaluating the potential of ionic liquids to remove lead from groundwater. Creating a system that can be used in the field during remediation.

SKILLS

Computer: Microsoft Office (PowerPoint, Excel, Word), AutoCAD, ArcMap GIS

Laboratory: Chemistry Lab: general chemistry techniques Materials of Construction Lab: Concrete strength; mixture and stress analysis techniques

Languages: Conversational in Spanish

EXPERIENCE

Woodard & Curran: Dedham, MA, May 2008-August 2008

- Completed projects within Water Treatment, Wastewater Treatment and Storm water Management fields including: design of Water System GIS Map, creation of sewer management regulations, completion of SRF loan applications, analyzing company financial data.
- Summer Intern

McClure Engineering,

LLC: Charlton, MA, August 2007-Present

- Assist with compliance procedures and data evaluation for small-scale civil engineering projects
- Intern

ACTIVITIES

Engineering Honor Society, Tau Beta Pi 10/2007-present

Civil Engineering Honor Society, Chi Epsilon 09/2006-present

Women Industry Networking (WIN) 2004-present

Student Ambassador Program 2004-present

CHRISTOPHER PAULLI

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Objective: To obtain a full time position in the field of Civil Engineering

Education: Worcester Polytechnic Institute Worcester MA Expected Graduation:
Expected Graduation May 2009
Bachelor of Science in Civil and Environmental Engineering

Related Coursework:

Project Management, Structural Engineering, Design of Reinforced Concrete, Urban and Environmental Planning, Environmental Analysis, Transportation Engineering, Surveying, Pavement Materials, Design, and Management, Fundamentals of Civil Engineering AutoCAD, Control Surveying

Projects: Senior Project Edmonton, Canada January - March 2009
Will work on a four person team for Stantec Consulting Services, Inc to develop a new rating standard for road and transportation projects based on the principles and framework developed by LEED.

Junior Project San Juan, Puerto Rico March - April 2008
Worked on a four person team to develop a management plan for a new nature reserve for the Fideicomiso Conservation Trust.

Experience:

Intern, MS Transportation Systems Framingham, MA Summer 2008

- Worked on Road Safety Audits
- Researched and analyzed crash data
- Utilized AutoCAD work for retaining wall design
- Performed traffic counts

Intern, Bond Brothers Cambridge, MA Summer 2007

- Participated in Harvard's Northwest Labs Project
- Updated and reviewed drawings with RFI's, submittals, and transmittals
- Performed man power counts daily
- Aided assistant superintendents with line and grade shots
- Oversaw and signed off on air duct inspections

Associate, Rocky's Ace Hardware Millis, MA Summer/December 2006

Activities:

Member of The Fraternity of Phi Gamma Delta 2006-Present

- Chapter Historian 2007-Present
- Philanthropy Chair, Scholarship Chair, and Rush Chair 2006-2007

Volunteer for Big Brother Program, 2006-Present

Skills: AutoCAD, Surveying, Microsoft Word, Microsoft Excel, Microsoft Visio

ANTHONY ALBERT PETROCCHI

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Phone: 401-383-2470 (home)

School Address (September—April)
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Worcester, MA 01609

EDUCATION

Worcester Polytechnic Institute, Worcester, MA
B.S. Civil and Environmental Engineering
-Current Cumulative GPA: ~3.60

Anticipated May 2009

M.S. Engineering & Construction Management

Anticipated May 2010

ASSOCIATIONS

- Chi Epsilon: 2008-Present - Civil Engineering Honor Society - President
- American General Contractors: 2007-Present - WPI Student Chapter
- American Society of Civil Engineers: 2007-Present - WPI Student Chapter

WORK EXPERIENCE

Stop & Shop Supermarket, Cranston, RI & Worcester, MA 2003-Present
Customer Service Clerk, Grocery Clerk

- Provide an enjoyable shopping experience for the customers through interpersonal skills
- Work at a pace determined by the volume of business
- Promote consumer goods by organizing inventory to a clean, organized, and presentable state
- Understand the computerized store-inventory system and maintain its accuracy

WPI Athletics Department, Worcester, MA 2005-Present
Work Study Employee

- Administered to the needs of athletes concerning inventory and maintenance of equipment and uniforms
- Work with athletes and students as short-term clients when in need of personal help
- Work as a team member to accomplish short-term and long-term assignments

AWARDS

Construction Management Association of America 2008 New England Regional Chapter Scholarship Recipient for academic achievements in the field of Construction Management

VOLUNTEER EXPERIENCE

American Cancer Society 2006 & 2007 Relay for Life Walkathon

- Participate annually, raising money to help fund cancer research in America

Rebuilding Together, Worcester, MA

- Home improvement work throughout the city of Worcester for families in need

COMPUTER SKILLS

Very Proficient in Microsoft Office (including Microsoft Word, PowerPoint, Excel, etc.) Proficient in Revit Architecture & Primavera. Some knowledge of AutoCAD Civil 3d

HIGHLIGHTS OF QUALIFICATIONS

- Excellent communication skills
- Strong interpersonal and presentation skills.
- Self motivated and skillful in project-based work
- Good problem solver
- Highly effective when leading and motivating teams to produce positive results while meeting deadlines

LAURA ROSATO

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School Address
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Education: Worcester Polytechnic Institute, Worcester MA, May, 2009 GPA: 3.39
Bachelors of Science Double Major: Civil and Environmental Engineering,
Mechanical Engineering.

Related Courses: *Advanced CAD, Heat Transfer, Thermodynamics, Design of Steel Structures, Reinforced Concrete Design, Kinematics of Mechanisms, Dynamics, Stress Analysis, Fluid Dynamics, Structural Engineering

Supplementary Training: Introduction to ANSYS: Structural Analysis, Introduction to GAMBIT/FLUENT

Academic Projects:

Interactive Qualifying Project, August 2007 – March 2008: Analyzed the mathematics department at a local high school and made recommendations for improvement based on the results.

Reinforced Concrete Design, October – December 2007: Designed slab, beams, girders and columns for a reinforced concrete building.

Design of Steel Structures, January – March 2007: Designed a four story steel framed building using the LRFD design method.

Experience: Engineering Intern: Taylor Structural Engineers. Pittsburgh, PA.
June, 2007- August, 2007. Steel framed building design and drafting.

Stage Manager: New Voices 24 at WPI. March, 2006 – April, 2006
Island of the Cat People: responsible for coordinating schedules, assisting the director and relaying information between parties.

Cheese Specialist, Sales Associate, Cashier: Roche Bros. Supermarkets, Acton, MA,
May 2002 - August 2005

Technical Skills:

Pro/E, AutoCAD LT, Working Model, STRAN structural modeling software, RISA-2D structural analysis software, ANSYS analysis software, FLUENT analysis software, Language of C

Community: Massachusetts first responder trained
American Heart Association CPR certified

* Course to be completed April 29, 2008.

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MUHAMMAD SALEEM
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Cell: 508-498-9386

OBJECTIVE: Full-Time position in the field of Civil Engineering with a focus in Design of Structures.

EDUCATION:

Worcester Polytechnic Institute, Worcester, MA Master of Science, Civil (Structural) Engineering,
Expected Graduation Dec 2008 Current GPA: 4.00

RELEVANT COURSES:

Advance Design of Reinforced Concrete, Design of Pre-stressed Concrete, Design of Shell Structures, Introduction to Finite Element Analysis, Advance Design of Steel, Structural Mechanics, Design of Buildings using Seismic Forces (Fall 2008)

University of Engineering and Technology, Taxila, Pakistan
Bachelor of Science, Civil Engineering, Dec 2005

PROJECTS:

Study the Shape of Lead Cylinder under High Speed Impact Loading, WPI, Sep 2007 – Dec 2007

Applied Modified Taylor Bar Theorem to successfully achieve the barrel shape of lead bar under high speed impact loading. Verified results using explicit finite element code LSDYNA and by analytical procedure.

Preliminary Design & Optimization of 30-Story Building, WPI, Jan 2007 – April 2007

Performed preliminary design and optimization of 30-story tall building as a part of Advance Reinforced Concrete Design course. Designed beams, columns and shear walls and applied wind and earthquake loadings using Canadian code and ASCE standards. Verified results using ETABS.

Geometric Design of Flyover, Shahdara, Lahore, Pakistan, Jan 2005 – Dec 2005

Worked in a team of two students at Zeeruk International, Islamabad to design a flyover in Shahdara, Lahore, Pakistan. Successfully completed the geometric design of 5-km-long elevated highway and a flyover using ROADCALC.

TECHNICAL SKILLS:

Etabs, Sap 2000, Staad.Pro, AutoCAD, Roadcalc, MS Office (Excel, PPT, Access), Matlab, Ansys, LS-Dyna, Truegrid

EXPERIENCE:

August 2008 – Present, Teacher's Assistant, CEE Department, Worcester Polytechnic Institute, Worcester, MA

May 2008 – Aug 2008, Design Engineer Intern, KPFF Consulting Engineers, Los Angeles, CA

Designed structure of sculptures using Sap2000, California's Building Code 2007 and ASCE/SEI 7-05. Reviewed shop drawings of lateral, gravity system and stair details of California's biggest project: Palomar Pomerado Hospital. Designed secondary steel beams on lower level of Palomar Hospital for Mechanical, Electrical & Plumbing facilities.

Jan 2006 – Jan 2007, Design Engineer, Halcrow-Pakistan, Islamabad, Pakistan

Worked as a Team Leader and successfully coordinated with Engineers and CAD Technicians to deliver the work within specified time schedule. Participated in the structural design of modern two storey villas and designed beams, columns, slabs and footings using state of the art structure designing software ETABS 9. Generated shop drawings and bar bending schedules using steel scheduling software MultiRebar (Steel Pac). Prepared technical details and supervised preparation of shop drawings with the help of AutoCAD. Detailed and scheduled structural members by following the structural codes provisions as formulated by design consultants as per international practices. Maintained a regular correspondence with the client in order to resolve routine practical site limitations by altering the structural details keeping in view the best civil engineering practices.

Oct 2005 – Jan 2006, Design Engineer, Zeeruk International, Islamabad, Pakistan

Worked as Team Leader to complete the Pavement Condition and Roughness Surveys of all National Highways of Pakistan sponsored by National Highways Authority of Pakistan using ROMDAS. Revised structural drawings of Shahdara Flyover. Prepared the feasibility reports and linear plans of Motorways M-2 and M-3.

TRAINING COURSES:

Completed 15-days Survey Camp (contouring, triangulation & traversing), University of Engineering and Technology, Taxila, Pakistan, May 2005.

SEAN SERRA

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Permanent Address:

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Nashua, NH 03064
603-566-4953

OBJECTIVE: To obtain a full time entry-level position in the field of Civil Engineering.

EDUCATION: Worcester Polytechnic Institute, Worcester, Massachusetts
Pursuing a Bachelor's Degree in Civil Engineering
Expected Graduation: May 2009

Related Coursework:

Civil Engineering and Computer Fundamentals	Analytical Mechanics
Introduction to Static Systems	Surveying
Intro to Pavement Materials, Design and Management	
Intro to Analysis and Design	
Fundamentals of Civil Engineering AutoCAD	Materials of Construction
Introduction to Transportation Engineering	Structural Engineering
Design of Reinforced Concrete Structures	Soil Mechanics
Urban and Environmental Planning	Project Management
Fluid Mechanics	Design of Steel Structures ¹

PROJECTS: Senior Major Qualifying Project, Worcester DPW, August 2008→in progress

Conducting a traffic study in a group on a complex intersection in Worcester; involves completing traffic tests, analyzing data, and re-designing the intersection while working with the DPW obtaining resources and discussing designs (3 Course Equivalent, in progress)

Junior Interactive Qualifying Project, Summer 2008

Worked independently and with guidance of President's Task Force on Sustainability, researching and developing a new comprehensive plan for financing, coordinating, and promoting sustainability initiatives at WPI (3 Course Equivalent) **Grade: A**
http://www.wpi.edu/Pubs/E-project/Available/E-project-072508-162926/unrestricted/SS_IQP.pdf

SKILLS: **Lab Experience:** Analysis of strengths and properties of materials (concrete, wood, pavement), Surveying, using Automatic Traffic Recorders, Turning Movement Counts, General Traffic Analysis
Computer: AutoCAD, Primavera, HCS 2000, Microsoft Word, Excel, PowerPoint

EXPERIENCE: The Gables, South Down Shores, Laconia, NH, Summer 2007

- Scraped and Painted Decks in Condominium Development
- Accomplished tasks both independently and with a group

ACTIVITIES: Theta Chi Fraternity, 2006-present
Roller Hockey Club, 2005-present

- Treasurer 2006-2007

¹ Course to be completed in the spring semester

STEPHEN SHIN

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Home Address:

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Hopedale, MA 01747
617-500-2850

OBJECTIVE: Full time position in the field of Civil & Environmental Engineering.

EDUCATION: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil and Environmental Engineering, Expected Graduation May 2009

Related Coursework:

Water Treatment Fluid Mechanics, Wastewater Treatment, Surveying, Environmental Engineering
Urban & Environmental Planning, Environmental Analysis General and Organic Chemistry, Chemical
Engineering Fundamentals Civil Engineering AutoCAD

Expected Coursework:

Hazardous/Industrial Waste Management Land Use Development & Controls, Environmental,
Engineering Lab Hydraulics, Transportation & Transformation in Env. Water Chemistry

PROJECTS: Senior Qualifying Project (MQP), Sept 2008-April-2009

Working with a partner on a year-long senior project, which entails research of MTBE and TBA (Methyl Tertiary-Butyl Ether and Tertiary-Butyl Alcohol) and testing its adsorption from water through the use of the zeolite ZSM-5.

Junior Qualifying Project (IQP), London, England, March-April 2008

Evaluation of "Hands-On-History" exhibit at Tower of London

Worked in a four member team in England, which evaluated the educational effectiveness of the "Hands-On-History" exhibit at the Tower of London and reported the findings to the museum directors. (Grade: A, nomination President's IQP Award)

Sufficiency, Worcester Polytechnic Institute 2007

Analyzed the musical styles of popular guitarists and wrote original compositions in their styles. (Grade: A)

EXPERIENCE: Sports Authority, Milford, MA 2006-Present

Worked as a cashier and salesman

WPI Bowling Alley, Worcester Polytechnic Institute, 2005-2006

Ran the bowling alley, from the front area to the machines in the back.

ACTIVITIES: Korean Student Association 2005-Present

President

Worcester Collegiate Christian Network 2005- Present

Leadership Team

Christian Bible Fellowship 2005-Present

Arise Youth Ministries 2006-Present

Student Alumni Society 2005-2006

Social Committee 2005-2006

JOHN R. STANAVICH

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OBJECTIVE

Seeking a growth-oriented, environmental engineering position focusing on the design and development of wastewater and/or water treatment systems.

EDUCATION

Master of Science, Environmental Engineering – Worcester Polytechnic Institute, Worcester, MA
Expected completion, May 2009

Bachelor of Science, Mechanical Engineering – Worcester Polytechnic Institute, Worcester, MA, 1994

RELEVANT FIELDWORK

2008 Huron River Watershed Council, Ann Arbor, MI Volunteer

- Conduct monthly stream flow measurements, collect water samples, and monitor specific water quality parameters as part of the annual progress evaluation of local eutrophic water conditions.

PROFESSIONAL EXPERIENCE

2000-Present TRW Automotive Inc., Livonia, MI Sr Design Engineer

- Global product design and development responsibility of a rear hydraulic and mechanical brake assembly for a multi-continent built vehicle.
- Responsible for global technical interface with internal manufacturing facilities and regional customer engineering groups.
- Create and deliver technical presentations in response to customer inquiries regarding program status and/or product improvement activities.
- Responsible for product validation involving test fixture design, definition of work instructions for lab technicians, development of design solutions in response to undesirable performance results, and the creation of summary test reports.

1997-2000 Toyota Technical Center, Ann Arbor, MI Design Engineer

- Acted in liaison product engineering role between local suppliers and core design group at Toyota Japan for automotive chassis components.
- Specified internal performance test requirements for design-responsible components and approved supplier validation reports in preparation for pre-launch and SOP vehicle builds.
- Conducted supplier visits and external manufacturing process audits in response to component field quality issues. Prepared technical reports based on findings and provided recommendations to core engineering groups in Toyota Japan.
- Participated in prototype and pre-production vehicle tuning evaluations for responsible chassis components.

1995-1997 Hayes-Lemmerz, Romulus, MI Product Engineer

- Responsible for the design and development of OEM cast aluminum wheels from customer concept through production stage validation.
- Conducted design for manufacturability reviews and created DFMEA documentation.
- Developed validation test plans, coordinated off-site evaluations, and prepared summary test reports for customer approval.
- Participated in regularly scheduled design reviews with manufacturing facilities to identify and correct issues to ensure safe product launch.

CAD / Software • Catia V5, Solidworks, GPS-X, Microsoft Office.

MISCELLANEOUS

- References available upon request. Willing to relocate.

ALYSON STUER

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Permanent Address:

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Dracut, MA 01826
978-957-9435

OBJECTIVE: To obtain a full-time position in the Civil Engineering field.

EDUCATION: **Worcester Polytechnic Institute, Worcester, MA**
Bachelor of Science in Civil and Environmental Engineering
Initial License for Secondary Education
Current GPA: 3.36 Expected Graduation: May 2009

Related Coursework:

Intro to Pavement Materials, Design and Management Software Applications in CE (Fall 08), Intro to Transportation Engineering (Fall 08) AutoCAD for Civil Engineers, Architectural Engineering Systems (Spring 09) Analytical Mechanics, Structural Engineering (Spring 09) Intro to Analysis and Design, Urban and Environmental Planning (Fall 08) Construction Project Management, Surveying Materials of Construction

Projects:

Major Qualifying Project (MQP) To be completed Spring 2009

Working on a team of two to design a highway overpass and analyze the bridge connections. Specifically studying various connection designs to include; strengths, failures, materials, and rehabilitation methods.

Interactive Qualifying Project (IQP)

Taught freshman physics at Wachusett Regional High School for 150+ hours with an additional 75+ observation hours.

SKILLS: Computer: Microsoft Office, Microsoft Project, AutoCAD

EXPERIENCE: **Worcester Polytechnic Institute, Worcester, MA, August 2008 – October 2008**
Peer Learning Assistant (PLA)
• Assist in grading, student help sessions and tutorials for construction project management class.

Watermark Environmental, Lowell, MA, May 2007 – Present
Engineering Intern

- Duties include project manager assistance, report compiling, data collection
- Main projects include an infiltration/inflow study and bid proposals

Old Navy, Nashua, NH, August 2004 – August 2006
Customer Service Associate

Lowell General Hospital, Lowell, MA
December 2003-July 2004 Dietary Aide
Summers 2000-2003 (100+hours) Volunteer – Mother-Infant Unit

ACTIVITIES: Alpha Gamma Delta Sorority, 2005-Present
American Society of Civil Engineers 2007-Present
Society of Women Engineers 2007-Present
Women's Industry Network 2007-Present

ZACH TETREAULT

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OBJECTIVE:

Full time employment in the structural engineering or project management field of civil engineering

EDUCATION:

Worcester Polytechnic Institute, Worcester MA GPA 3.0

Bachelor of Science in Civil and Environmental Engineering, Anticipated Completion May 2009

RELATED COURSE WORK:

Structural Engineering • Design of Steel Structures • Design of Reinforced Concrete Structures

Urban & Environmental Planning • Environmental Analysis • Project Management

Transportation • Materials of Construction • Surveying • Fundamentals of Civil Engineering Auto Cad

PROJECT EXPERIENCE:

Major Qualifying Project (MQP), Edmonton, Canada, January-February, 2009

- Member of four person team developing a Green Guides for RoadsGuide will focus on sustainable design and building practices
- Extensive research, meetings with industry experts and site visits

Interactive Qualifying Project (IQP), San Juan, Puerto Rico, March-April, 2008

- Project focused on determining impact of sound pollution on visitors' experiences in parks
- Developed sound profiles for each park based on recorded decibel levels and visitor questionnaires
- Presented final results and recommendations to 100 sound experts at annual noise conference

PROFESSIONAL EXPERIENCE:

Kirkland Builders Group, Kirkland WA July 2004-Present

Project Administrator, June 2007 – Present

- Currently in final stages of LEED Core & Shell 2.2 Silver Certification for \$3 million office building
- Organize credit selection and ensure all credit achievements are met
- Manage all documentation needs and certify project through LEED-Online

Assistant Project Manager, June 2004-Present

- Head estimator for all company projects including \$14 million office building in final stages of design
- Promoted a safe work place by conduction site safety walkthrough's as Safety Manager
- Responsible for day to day activities such as permits and inspections
- Arrange subcontractor scheduling for all punch list warranty items

CERTIFICATIONS/SKILLS:

- LEED New Construction 2.2 Accredited Professional
- Computer Programs: Civil3D, AutoCAD, Revit, Primavera, Microsoft Office
- Proficient in Spanish

ACTIVITIES/AWARDS:

- Phi Gamma Delta Fraternity, 2006-Present
- Positions include Social Chair, Kitchen Manager and Sports Chair
- Inter-Fraternity Council Judicial Board Member

JUSTIN THOMAS
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Permanent Address

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Stannard, VT 05842
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Objective: Full-time entry level position as a project manager, project engineer or working in civil design.

Education: Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering, Transportation Concentration
Expected Date of Completion: May 2009

Related Course Work:

• Fund. of Civil Eng. AutoCAD • Project Management • Analytical Mechanics I & II • Intro. To Analysis & Design • Surveying • Software Applications in Civil Engineering • Urban & Environmental Planning • Soil Mechanics • Soil & Bituminous Lab • Transportation & Transformation in the Environment

Computer Skills:

Design: AutoCAD, AutoCAD Civil 3D, Revit Architecture 2009
Applications: Prolog Manager, Site Manager, Primavera, Microsoft Power Point, Microsoft Word, Microsoft Excel

Professional Experience:

Vermont Agency of Transportation, Montpelier, VT Summer 2005-2007

- Worked Under a Civil Engineer
- Project Management – Road Construction
- Inspecting Road Construction
- Managing Contractor Jobs
- Checking Job Specifications
- Performing Calculations
- Recording Field Data

C.E. Floyd Company, Inc. Summer 2008-Present

- Worked Under a Project Manager and Project Engineers
- Project Management – Building and Site Development
- Checking Plans and Specifications
- Checking Field Work and Measurements
- Recording Field Data and Performing Calculations

Awards /Activities:

The Fraternity of Phi Gamma Delta	2006-Present
• Pledge Educator	2007-Present
• House Manager	2006-2007
• Rush Chairman	2006
WPI Football Team	2005-Present
Drafting Student of the Year	2004-2005
Varsity Football Team	2001-2005
• Captain	2004-2005
Varsity Basketball Team	2002-2005
• Captain	2004-2005
National Honor Society	2002-2005
National Honor Role	2002-2005

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P.O. Box 646
Nashua, NH 03061

- OBJECTIVE:** Entry-level Civil Engineer, preferably in areas related to transportation, road and bridge design
- EDUCATION:** **Worcester Polytechnic Institute (WPI)**, Worcester, MA Anticipated Graduation May 2009
Bachelor of Science in Civil and Environmental Engineering GPA: 3.36
- Related Coursework:** Intro to Transportation, Intro to Pavement Material, Design & Management, Materials of Construction, Design of Steel Structures, Structural Engineering, Foundation Engineering, Fundamentals of Civil Eng. & AutoCad, Waste Water Treatment, Intro to Analysis & Design, Soil and Bituminous Material Lab, Environmental Engineering
- PROJECTS:**
- Warm Mix Aided Recycled Asphalt Pavement**
Major Qualifying Project, Sept 2008-March 2009
- Evaluating the effect of warm mix asphalt additives on moisture susceptibility and bonding of asphalt with aggregate
- Managing Water and Sanitation in the Fish River Basin**
Interactive Qualifying Project, Windhoek, Namibia March-May 2008
- Assessed the potential for a basin-wide management system in the most arid river basin in Namibia
 - Interviewed over 40 individuals and compiled information on water management, business practices, and cost recovery issues for the Desert Research Foundation of Namibia (DRFN)
- SKILLS:** MS Office Suite: Word, Excel, PowerPoint, FrontPage; (Basic) AutoCad, (Basic) Revit. Adobe Audition
- EXPERIENCE:** **Western Transportation Institute Safe Passages REU**, Montana State University, June-Aug 2008
- Designed a proof-of-concept device to acoustically detect and count centerline rumble strip encroachments on US 191. Used Adobe Audition software to edit and isolate frequencies.
 - Evaluated Special Traffic Enforcement Programs (STEP) on US 191 using Automated Traffic Counters (ATR).
- Faculty Assistant**, WPI, Worcester, MA, Sept 2007- present
- Assist Prof. Salazar with general office duties
 - Edit and maintain website content using FrontPage
- Physical Education Office Assistant**, WPI, Worcester, MA, Sept 2005–May 2007
- Assisted the Administrative Assistant with general office work
- Women in Technology Internship**, BAE Systems, Nashua, NH, Fall 2004
- Introduced to several fields including mechanical, management and electrical engineering.
- ACTIVITIES:**
- Senior Class Board** May 2007-present
- American Society of Civil Engineers** Sept 2007-present
- WPI Social Committee**
- **Membership Co-chair** Jan 2008-Jan 2009
 - **Arts Co-chair**, managed a budget of \$40,000, Jan 2007-Jan 2008
 - Hired Mythbusters speakers with additional funding of \$17,000, March 2007
 - **Films Co-chair**, managed a budget of \$30,000, Jan 2006-Jan 2007
- Student Alumni Society**
- **Social Chair**, Jan 2008 –Jan 2009
 - **Programs Co-chair**, Jan 2007-Jan 2008
- Relay For Life Planning Committee**, Nov 2007-Feb 2008, Feb 2007 –April 2007
- Women’s Industry Network (WIN)**, Sept. 2006 to May 2008

DANIEL W. N. WHITE

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School Address:
Worcester Polytechnic Institute
100 Institute Road Box # 3267
Worcester, MA 01609
(207) 446-5931

Permanent Address:
85 Blue Ridge Drive East
Sidney, ME 04330
(207) 547-4079

OBJECTIVE Obtain employment in the field of structural civil engineering

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Bachelor of Science in Civil Engineering
Expected Graduation Date: May 2009, Current GPA: 3.92

IQP: Proposal for the Development of an Economically Viable Lunar Base
MQP: Bridge Performance and Design
Messalonskee High School, Oakland, ME
High School Diploma, June, 2005
Valedictorian, National Honor Society 2005

WORK EXPERIENCE

Summer Intern, Greater Augusta Utilities District, Augusta, ME, (207) 622-3701

Manager: Michael Morey

Located and GPSed District assets, converted swing tie cards to a digital database using ArcGIS, used robotic camera to visually inspect sewer mains, and inventoried manholes. (Summer 2007, 2008)

Painter, College Pro Painters, Central Maine, (800)32-PAINT

Manager: Joel Peppin

Scraped, primed, and painted the exteriors of wooden houses. (Summer 2006)

Concession Sales, Boston College, Boston, MA

Concession and hawking sales at the BC football games, done to raise money for the WPI Varsity Swim Team's training trip. (Fall 2005, 2006, 2007, 2008)

Sales Clerk, Augusta Dunkin Donuts, Augusta, ME, (207) 621-1325

Manager: Christina B.

Waited on customers; managed cash register; managed drive-thru; supervised closing; made coffee and sandwiches; baked bagels and muffins. (Summer 2005)

AWARDS Phi Beta Kappa Award (2005), Maine Masonic Scholarship Award (2005), L. Carl Bean Scholarship (2005, 2006, 2007), WPI Dean's Scholarship (2005, 2006, 2007, 2008), Totman Scholarship (2008)

ACTIVITIES WPI Varsity Swim Team (2005-present)

Captain 2008-2009

Chi Epsilon

Messalonskee Varsity Swim Team (2001-2005)

Central Maine Swimmer of the Year 2004 and 2005

Captain 2002-2005

Mid-Maine Dolphins Swim Team (2001-2005)

Permanent Address
24 Winter Street
Hanover, MA 02339
617-962-7066

MEGHAN E. WOODS
MWoods24@WPI.edu

School Address
WPI Box # 3277
100 Institute Road
Worcester, MA 01609

- Objective** Motivated, hardworking and dependable civil engineering and fire protection engineering student seeking a summer internship or full time employment (part time during school year).
- Education** **Worcester Polytechnic Institute, Worcester, MA**
Bachelor of Science in Civil Engineering candidate, GPA: 3.35/4.0
▪ Expected Graduation: May 2009
Master of Science in Fire Protection Engineering, GPA: 3.0/4.0
▪ Expected Graduation: May 2010
- Software:** Microsoft Office
Drafting: AutoCAD, familiar with Revit
- Projects** **Major Qualifying Project (In Progress)** – Developing a traditional structural design and LEED certified structural design for a one story house and designing a fire protection system for both. Analyzing and comparing a 20 year cost – benefit cycle for the designs.
- Interactive Qualifying Project, San Juan, Puerto Rico, 2008** – Worked with the Puerto Rico Aqueduct and Sewer Authority concerning the potable water distribution system in a rural community. Calculated a mass balance, created a hydraulic model, and analyzed the social, economic, and environmental effects on the community.
- Work Experience** **Entergy, Pilgrim Nuclear Power Station, Plymouth, MA**
Procurement Engineering Intern, December 2008 – January 2009
▪ Enhanced a training guide for procurement engineering for employees to use
Industrial Safety Intern, May 2008 – August 2008
▪ Exposed to and participated with all departments through projects occurring in/around the plant
▪ Learned the safety standards, the importance of them, and how they are used day to day
▪ GET/Rad Worker Trained; Unescorted Access
Chemistry Intern, June 2007 – August 2007, December 2007 – January 2008
▪ Created spreadsheets to input data, facilitate schedules and checklists, and to update data
▪ Became familiar with the operations of a nuclear power plant
▪ Entergy Student Ambassador – liaison between Entergy and WPI
▪ GET/Rad Worker Trained; Unescorted Access
- Peer Learning Assistant, Worcester, MA**
PLA, September 2007 – March 2008, September 2008 - Present
▪ Grade assignments and help students for civil engineering classes
▪ Refreshed knowledge of the basic fundamentals
- Leadership, Activities, Awards** Varsity Cross Country, 2005-Present
▪ Team Co-Captain, 2007-Present
Varsity Indoor/Outdoor Track, 2005-Present
▪ Team Co-Captain, 2007-Present
Big Brother Big Sister, 2006-Present
Chi Epsilon Honor Society, March 2008-Present
▪ Executive: Secretary, Present
American Society of Civil Engineers (ASCE), 2007-Present
▪ Executive: Vice President 2007/2008, Secretary 2006/2007
Society of Fire Protection Engineers (SFPE), 2008-Present
Senior Class Board: Senior Class Gift Committee, 2008/2009
Social Committee, 2005-Present
▪ Executive: Annual Events Co-Chair 2006-2007
American Cancer Society Relay for Life, Present

BESIAN XHIXHO

bhxixho@wpi.edu

School Address:

Worcester Polytechnic Institute,
100 Institute Road – Box # 3284,
Worcester, MA 01609-2280

Permanent Address:

5 Mann St.
Braintree, MA 02184
Tel #: 508-304-0184

OBJECTIVE: Full time employment in Civil Engineering

EDUCATION: Worcester Polytechnic Institute, Worcester, MA Expected Graduation May 2009
Bachelor of Science in Civil Engineering, GPA 3.61

RELATED COURSES: Design of Reinforced Concrete Structures, Water Treatment, Structural Engineering, Analysis and Design, Analytical Mechanics, Fluid Mechanics, Applied Statistics, Electromagnetism, Molecular Chemistry, Differential Equations, Mathematical Methods in Decision-making, Construction Project Management, Urban and Environmental Planning, Transportation Engineering, Design of Steel Structures, Pavement Materials Design and Management, Soil Mechanics, Fundamentals of Civil Engineering AutoCAD, Intro to Finite Element Analysis, Surveying, Intro to Dynamic Systems, Materials of Construction.

ACADEMIC PROJECTS: **MQP** – Bridge Design and Performance, August 2008 – present
The project involves the design of superstructure and substructure of a highway overpass as well as Finite Element Modeling of structural components.
IQP – Heisenberg and the Nazi Atomic Bomb, August, 2007 – February, 2008
The project involves a study of the German Atomic Bomb Project during 1939-1945
Sufficiency – Spanish, March 2006 – February 2007
Completed six classes of Spanish

SKILLS: **Computer** - Microsoft (Word, Excel, PowerPoint, Outlook)
Applications - ANSYS, AutoCAD, PRIMAVERA, HCS, RISA, Revit.
Foreign Languages - Italian (Conversational), Spanish (Conversational), Albanian (Fluent)

WORK EXPERIENCE: **Fitness Center Assistant, Athletics Department, Alumni Gym.**
Worcester Polytechnic Institute, MA March 2007 – present
Ensured proper use of equipment.
Checked student ID at entrance.

Lab Assistant, Dept. of Civil Engineering, Highway Infrastructure Labs.
Worcester Polytechnic Institute, MA May 2008 – June 2008
Prepared experiments
Gathered and organized results
Ran laboratory tests on asphalt specimens

Lab Assistant, Dept. of Material Science & Engineering, Washburn Labs.
Worcester Polytechnic Institute, MA September 2006 – December 2006
Performed routine maintenance of sensitive lab equipment.
Repaired damaged equipment.

Librarian, Gordon Library. Worcester Polytechnic Institute, MA, September 2005 – May 2006
Ensured proper shelving and use of books.
Kept order in the library stacks department.

Computer Operator, SDC Ltd., Tirana, Albania, June 2004 – September 2004
Developed technical drawing and editing for structural design using AutoCAD.

AWARDS: Tau Beta Pi – Engineering Honor Society, November 2008 - present
Chi Epsilon – Civil Engineering Honor Society, November 2007 - present
Florence E. Seeley Scholarship
WPI Dean's List

JUSTINE E ZIOBRON

jziobron@wpi.edu

100 Institute Road, Box 3296
Worcester, MA 01609
(860) 391-4111

Permanent Address:
51 Railroad Avenue
Chester, CT 06412
(860) 526-3377

OBJECTIVE Entry level position in the field of Civil Engineering/Structural Engineering.

EDUCATION Worcester Polytechnic Institute, Worcester, MA
Expected Graduation May, 2009
Bachelor of Science in Civil Engineering GPA: 3.58

Valley Regional High School, Deep River, CT June, 2005

Related Coursework:

Analytical Mechanics I, II, Intro to Analysis and Design, Materials of Construction, Surveying, Structural Engineering, Fluid Mechanics, Environmental Engineering, Design of Reinforced Concrete Structure, Auto Cad, Soil Mechanics, Hydraulics, Project Management*, Design of Steel Structures*, Thermodynamics*

ACADEMIC PROJECTS

Major Qualifying Project, 2008 to 2009*

- Working with a team to research and redesign a highway overpass of a structurally deficient bridge while focusing on several sustainability issues including construction, materials, and life cycle costs

Interactive Qualifying Project, 2007 to 2008

- Traveled to Australia and designed a framework to make the educational programs at Zoos Victoria in Australia more accessible for students with disabilities

Urban Planning; Blackstone Valley, 2007

- Identified the reason and approach to the design and construction of Blackstone Valley Plaza

Independent Project Design, 2006

- Analyzed and designed two truss frameworks that included influence diagrams, critical members, design forces, compressive capacity, and final cost

SKILLS

Auto Cad, 2008 • Learned the fundamentals of AutoCAD and Revit including 2D and 3D drawing techniques
Surveying Lab, 2007 • Conducted field studies to learn the technique of locating points and the distances and angles between them
Materials Lab, 2006 • Studied construction materials and their properties: concrete, wood, asphalt, and metal
Microsoft Office • Proficient in Word, Excel, and PowerPoint

WORK EXPERIENCE

Weston & Sampson Engineers, Rocky Hill, CT, Summer 2008

- Made revisions to technical drawings, enhancing knowledge of AutoCad. Determined cost estimating procedures for a variety of projects. Developed an understanding of the business side of engineering and gained a real world perspective.

Sweet P's & Essex Coffee and Tea, Essex, CT, Summer 2004 to 2007

- Trained new employees
- Prepared and served ice cream, beverages, and food to customers

ACTIVITIES

American Society of Civil Engineers (ASCE), 2007 to present

Phi Sigma Sigma Sorority, Recruitment Counselor, Core Group Leader, 2005 to present

Rho Lambda (Greek Women Honor Society), Vice President, 2007 to present

Chi Epsilon (Civil Engineering Honor Society), Vice President, 2007 to present

Women In Networking (WIN), 2006 to present

Club Soccer, Secretary, Scrimmage Team Captain, 2005 to 2008

