

# William Clinton

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## OBJECTIVE:

Summer Internship in the Investment area utilizing mathematics and computer science skills.

## EDUCATION:

Worcester Polytechnic Institute, Worcester MA, May 2010

**Master of Science, Financial Mathematics, GPA 4.0**

**Bachelor of Science, Actuarial Mathematics, GPA 4.0**

**Minor: Computer Science and Management Information Systems**

Honors: Member, Pi Mu Epsilon (Mathematics Honor Society)

## ACADEMIC PROJECTS:

**Multi-target Radar Tracking**, MIT Lincoln Laboratory, May-Aug 2009

Initiated and executed statistical and Monte Carlo analysis of target track crossings as a function on trajectory parameters.

Analyzed results of frequency of crossings, time until crossings, and severity of crossings to aid larger radar system models.

**Intelligent Online Tutorial System for Teaching Statistics**, Worcester Polytechnic Institute, Sept-Dec 2008

Evaluated effectiveness of electronic tutorial versus pencil and paper teaching in Applied Statistics I classes. Evaluated

effectiveness of partial hints versus scaffolding questions in electronic tutoring. Developed educational material for p-test, t-test, confidence intervals, and power

**Game Theory in Frank Herbert's Dune Messiah**, Worcester Polytechnic Institute, Jan-May 2008

Resolved the wheels within wheels plot of Frank Herbert's Dune Messiah with Game Theory.

## WORK AND COMMUNITY SERVICE:

**Actuarial Internship**, Towers Perrin, Weatogue, CT, May-Aug 2008

Evaluated effectiveness of MoSes Economic Scenario Generator's scenario reduction techniques for an economic capital model.

Projected healthcare product financials for reserve calculation of a captive insurance company

**Actuarial Internship**, John Hancock, Boston, MA, May 2007 -Mar 2008

Implemented Business logic of a Majestic Universal Life product, from product specifications. Designed and implemented tools to simplify automation of Excel spreadsheet operation

## TECHNICAL SKILLS:

**Computer Applications:** TaS, MoSes, Lotus 1-2-3 and Microsoft (Word, Excel, PowerPoint, Outlook)

**Programming Languages:** Proficient in **Perl, PHP, Java**, C++, Visual basic, Scheme

**Web Development:** Proficient in **JavaScript**, CGI scripts, XHTML, CSS, and associated W3 Standards Working knowledge of ASP and SQL

## FOREIGN LANGUAGES:

Familiar with Reading, Writing, and Conversational **Russian**

## ACTIVITIES:

**Leading Edge Series for Advanced Leaders, 2008**

**Selected participant** - Contributed to leadership seminars and organized community service event

**WPI Hillel, May 2007-present**

**Officer** - Organized community building events and holiday celebrations

**New England Handicapped Sport Association**, Sunapee, NH, Winters of 2004-present

**Volunteer** - Coached physically and mentally challenged ski students