

**Chad Wick**  
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**OBJECTIVE:**

Entry Level position encompassing both software and hardware components of electrical engineering

**EDUCATION:**

Worcester Polytechnic Institute, Worcester MA

Bachelor of Science in Electrical and Computer Engineering, May 2009, GPA 3.8

**PROJECTS:**

**Senior Design Course:** Remote Low Car Battery Indicator, WPI, March – May 2009

Designed and built working prototype of a car battery indicator which remotely notifies the user on low battery levels through radio frequency. Created function to disconnect battery draining operations until battery is recharged.

**Major Qualifying Project:** Mapping Turbulent Motorboat Discharges in Canals of Venice, January – March 2008

Team of four applied GPS system to record coordinates of energy discharge provided by device. Analyzed relationship between turbulence energy caused by motor boats and rising levels of sea in canals of Venice, Italy.

**SKILLS:**

**Operating Systems:** Windows 95/98/ME/2000

**Programming Languages:** C, C++, Java, HTML, Visual Basic, SQL, ASP.net

**Laboratory Skills:** Soldering, oscilloscope, digital multimeters and Spartan3 FPGA

**Software:** Matlab, Cadence, Maple, Multism, Adobe Photoshop, Dreamweaver, Microsoft Word, Excel, PowerPoint, Outlook

**RELATED EXPERIENCE:**

**Co-op, Operations Leadership Program,** January – August 2008

General Electric, Consumer and Industrial Systems, Plainville CT

Analyzed and documented power breaker assemblies to create lean improvements. Modeled and forecasted stocking parameters, inventory levels, service classes, and other metrics for seven manufacturing plants. Assessed supply chain procedures to identify opportunities to decrease lead times and minimize costs.

**ADDITIONAL EXPERIENCE:**

**Work Study,** Chemistry Department, WPI, August 2005 – May 2009

**Senior Tutor,** Electrical and Computer Science and Mathematics Department, WPI, August 2007 – February 2008

**Sales Associate,** Radio Shack, Worcester MA, January 2006 – May 2007

**LEADERSHIP EXPERIENCE:**

**Resident Advisor,** Residential Services Office, WPI, September 2007 – Present

Develop community relationships by sponsoring programming activities and social functions. Mediated conflict and counseled residents on inter-personal conflicts, academic difficulties, and time management issues. Provided support on personal challenges (eating disorders, depression, alcohol or drug abuse).