

Ryan J. Morton

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Objective

To obtain an internship in computer security that will be both challenging and fun.

Education

University of Maryland, College Park, MD
B.S. in Computer Engineering
Expected December 2007

Honors

- **QUEST** (Quality Enhancement Systems and Teams): Fall 2004-Present
- **PricewaterhouseCoopers Consulting Project of the Year Award**: Fall 2006
- **Six Sigma training equivalent to Green Belt certification**: Spring 2006

Programming

Proficient in: HTML, CSS, AJAX, PHP, JavaScript, SQL, Java, C/C++
Experience With: JUnit, OCaml, Ruby, Perl, Scheme

Experience

Website Designer and Webmaster (Part-time): Mar. 2005 – Present
QUEST Honors Fellows Program, University of Maryland, College Park, MD

- Developed a web application to allow students to apply to the QUEST program entirely online
- Designing logos and roadmaps for use in corporate and student advertising
- Explain technical concepts to individuals without a technical background

GE Healthcare Outsourcing Consultant (Capstone Project): Aug. 2006 – Dec. 2006
GE Healthcare Maternal Infant Care, Laurel, MD.

- Awarded PricewaterhouseCoopers Consulting Project of the Year Award
- Worked with GE Healthcare to analyze the value of outsourcing high-level assemblies in order to reduce cost
- Lead a project to write a 100-page dynamic process template that can be used to evaluate the value of outsourcing products in the future

Teaching Fellow - Six Sigma Strategy and Methods (Job): Aug. 2006 – Jan. 2006
Robert H. Smith School of Business, University of Maryland, College Park, MD

- Mentored student consulting teams in project implementation, corporate relations, and team communication
- Wrote course packets, exams, and other curriculum to test students in Six Sigma training equivalent to a Green Belt

Quality Enhancement Software Designer (Internship): Jun. 2006 – Aug. 2006
Center for Advanced Transportation Technology (CATT) Lab, College Park, MD

- Studied and redeveloped the usability and design of an existing web-based program used by the Virginia Department of Transportation to track highway traffic incidents
- Refactored code to be object-oriented and meet W3C standards

IT Assurance Consultant (Student Research): Jan. 2006 – May 2006
Marriott International, Inc., Gaithersburg, MD.

- Developed a schema to identify root-causes of self-inflicted wounds within Marriott's IT infrastructure
- Used statistical analysis to correlate self-inflicted wounds according to department

Activities

- InterVarsity Christian Fellowship: Small Group Leader, Aug. 2006 - Present
- InterVarsity Christian Fellowship: Member, Jan. 2003 - Present
- Intramural Soccer Team: Fall 2005, Spring 2006, Spring 2007