

Ryan Elizabeth Mitchell

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EDUCATION

Olin College of Engineering , Candidate for Bachelor of Engineering Expected May 2011

- Received four-year full-tuition scholarship
- Relevant Courses: Differential Equations, Vector Calculus, Linear Algebra, Probability and Statistics, Physics (Mechanics), Physics (E&M), Engineering of Compartmental Systems, Engineering of Distributed Systems, Principles of Engineering, Foundations of Business & Entrepreneurship, User-Oriented Design, Sustainable Design, Web Design, Bio-inspired Design, Modern Biology, Engineering Principles in Biology, BioTransport, Microbial Diversity, Biomechanics, Russian Language (4)

Pierce College, Associate of Arts degree May 2006

- Relevant Courses: Inorganic Chemistry (2), Analytic Geometry (3), Multivariate Calculus, Linear Algebra, Differential Equations, Physics (Mechanics), Small Business Management.

SKILLS

Fast and efficient learner with a proven ability to develop both independently and on a team.

Software: Drupal, Joomla, Photoshop, Putty/CoreFTP/Eclipse, MS Office, Open Office, SolidWorks, Simulink

Languages/Markup: PHP, Javascript/jQuery, MySQL, CSS3, HTML5, Perl, Python, Java, C#, LaTeX, Matlab/M Code

WORK HISTORY

Harvard University, Cambridge MA, Mazur Group Web Developer Jul 2009 – Aug 2010

- Independently developed “social collaboration” website for researchers and academics, now in beta testing

Amvona, Mansfield MA, Web Application Software Engineer Feb – Apr 2009

- Wrote and modified MVC components for Joomla, a leading content management system
- Wrote PHP scripts for a MySQL data transfer, tracked bugs in Mantis

MITRE Corporation, Bedford MA, Intern Jun – Aug 2008

- Worked on development team to produce an integrated office communication application (TWITRE) using Web 2.0 technologies and multiple hardware interfaces.
- Wrote software application and documentation for an existing face recognition Java API.

RotorWay International, Chandler AZ, Intern May – Aug 2007

Microsoft, Redmond WA, MS Office Test Intern Jun – Aug 2006

- Logged, managed, and resolved dozens of bugs in Microsoft Office Project
- Developed and implemented test strategies, identified areas of concern
- Wrote and published seven test automations in C# that are still being used

Sun Microsystems, Burlington MA, Intern May – Aug 2005

ACTIVITIES

- Founding president of Olin’s Judaism organization 07-08 academic year
- Thrice elected board member, and president in 08-09 academic year for Olin’s “Taboo Club” – providing information about human sexuality and resources for crisis pregnancies, STDs, and birth control.
- Licensed ham radio operator (KE7EOT), general level with morse code.
- Freelance web developer DBA REMitchell Solutions, Apr – Sept 2009
- Chief Editor of “Frankly Speaking” – Olin’s student-run, independent newspaper