

Ryan Elizabeth Mitchell

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Education

Olin College of Engineering – Candidate for Bachelor of Science Degree **Expected May 2011**

- Received four-year full-tuition scholarship
- Currently on hiatus. Planned return in January 2010
- Relevant Courses: 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, Russian Language (3) .

Pierce College - Associate of Arts degree **May 2006**

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

Skills

- Languages: C#, Java, LaTeX, MatLab (C code), HTML, CSS, Perl, JavaScript, ActionScript, PHP, MySQL
- Software: FinalCut Pro, MatLab, Microsoft Office, Simulink, SolidWorks, Star Office, Photoshop, Flash, Joomla

Work History

Amvona, *Web Application Software Engineer* **Mar. – Apr. 2009**

- Wrote and modified MVC components for Joomla, a leading content management system
- Wrote PHP scripts for a MySQL DTS

MITRE Corporation, *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.
- Researched face recognition technology, wrote software application for existing face recognition API.

RotorWay International, *Intern* **May – Aug. 2007**

- Created advertising media for potential helicopter distributors
- Tested and reported website functionality issues in eight popular web browsers
- Networked, reformatted, and prepared employee computers

Microsoft, *Test Intern* **Jun. – Aug. 2007**

- 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, *Intern* **May – Aug. 2005**

- Shot footage for and edited short film to explain the purpose of SunLabs to customers
- Independently produced interactive Perl script that wrote, compiled, and executed Java and XML code

Activities

- Licensed ham radio operator (KE7EOT), general level.
- Own consulting business, REMitchell Solutions (<http://remitchellsolutions.com>)
- President of the Judaism at Olin Organization, 07-08 school year
- Former executive board member (2 years), and elected president in 08-09 school year for Olin's "Taboo Club" – spreading information about human sexuality and providing resources for crisis pregnancies, STDs, and birth control.