

# Addie Marie Beseda

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## Summary

- 4.5 years full-time industry experience with LAMP-based web application development
- 2 years experience as a team / technical lead
- Outstanding written and verbal communicator
- Language-agnostic hobbyist, open to and enthusiastic about learning new technologies
- Academic background in Computer Science; honors student with special emphasis on user interface experience (senior thesis), data visualization (summer internship), Mathematics and Business

## Employment Experience

**Submitnet, Inc.** (Portland, OR)

July 2008 - Present

*Software Engineer (07/08-06/10), Senior Web Application Engineer (06/10-present)\**

- Lead developer on a small team that oversees all levels of support of a Perl-based SEO toolkit, including maintenance, improvements, and new development
- Daily tasks include front-end development, back-end development, system administration, and project management
- “Code Historian”, creating extensive documentation for pre-existing and newly developed software tools and processes
- Overseer of extensive optimization of development processes, including staging infrastructure, weekly code deploys, virtualization, and administration of the team’s project management system (Redmine)
- Reconciled the company’s three international products with the source repository; developed and launched a new international site

\* Have been serving in a team lead role since July 2009, but title change was more recent

**Kavi Corporation** (Portland, OR)

January 2008 - June 2008

*Web Programmer*

- Developer of client-driven customizations to Kavi’s Python / Zope and PHP-based suite of collaboration products.
- Customizations utilized a wide variety of technologies, including Python, Zope, PHP, MySQL, HTML, Javascript, and CSS.

**Google, Inc.** (Mountain View, CA)

July 2006 – October 2007

*Associate Web Applications Engineer, Technical Operations & AdSense*

- Developer of internal, Python-based web tools for Google’s Online Sales and Operations employees.
- Developed new workflow tools and data dashboards, allowing Google employees to use their time more efficiently.
- Updated pre-existing tools for added features, improved performance, and greater reliability.
- Worked with some of the world’s largest and most complex databases.
- Worked within Google’s fast-paced, constantly-changing business environment. The company doubled in size during my period of employment.

**Southern California Earthquake Center** (Los Angeles, CA)

Summers 2004, 2005

*Undergraduate Information Technology Intern*

- Developed earthquake data visualization software built on Windows XP using Java and the Java3D API.
- Focus areas: user interface design, navigation within a 3-dimensional space, manipulating 3-dimensional objects.
- Presented the software and its research implications at the SCEC Annual Meeting in 2004, 2005, as well as the American Geophysical Union in 2004. Spokesperson for the program during the 2004 NSF site review of SCEC.

## Technical Proficiencies

I have the most comfort and experience as a backend developer of **LAMP-style web applications**, in particular: **Linux, Apache, MySQL, and Python**. My preferred version control system is **git**. The full list of technologies:

**Core Languages:** Python (2 years experience), Java (6 years academic experience), Perl (2.5 years experience)

**Other Languages:** Some Ruby, PHP, JavaScript, C, C++

**Operating Systems:** Ubuntu Linux, FreeBSD, Windows, Mac OSX

**Version Control Systems:** git, Perforce, SVN, CVS

**Database Systems:** MySQL

**Additional Web App Technologies:** HTML & CSS, AJAX, JavaScript libraries (jQuery), Apache

**Development Methodologies:** Object Oriented Programming, Relational Data Models, MVC Architecture, Test Driven Development, Code Reviews, Stage-based deployment, Usability testing, Internationalization

**Development Environments:** vi/vim, Eclipse

**Virtualization:** VirtualBox

**Other:** Shell scripting, Graphics (Java3D and JOGL), Functional Languages (Scheme and ML), Wordpress

## Education

**University of Oregon Robert D. Clark Honors College** (Eugene, OR)

Bachelor of Arts in Computer & Information Science, awarded June 2006

Minors: Mathematics, Business Administration

Cumulative GPA: 3.79

Honors Thesis: *Usability and the Evolving Library Website*, advisor Dr. Sarah Douglas (Computer & Information Science)

- A study of emerging usability challenges as academic library websites compete with the greater Internet.
- Usability tests revealed emergent issues in information literacy for modern university students.

### Extracurriculars

- Presidential Student Scholars Association – Treasurer and President
- Kappa Delta Sorority – Webmaster, Historian, Sisterhood team, Order of Omega
- Student Health Advisory Committee (health advocacy board and liaisons with Student Health Center)
- University of Oregon Women in Computer Science
- ACM Regional Programming Competition (Fall 2005)

### Honors

- Scholarship winner of seven different awards; three in technical fields.
- Phi Beta Kappa (Liberal Arts honor society)
- Upsilon Pi Epsilon (Computer Science honor society)
- Attendee of Tapia 2005 Diversity in Computing Conference – on scholarship

## **Additional Data**

### **User Groups / Community Involvement**

- Code N Splode (PDX Women in Technology; <http://www.codeandsplode.org>)
- DevChix (Women in Technology; <http://www.devchix.org>)
- Open Source Bridge (PDX Open Source conference; <http://opensourcebridge.org>)
- Portland Ruby Brigade ([pdxruby.org](http://pdxruby.org))

### **Strengths**

- Customer-, user-, and people-oriented developer
- History of clean, consistent and readable code
- Highly detail-oriented, yet capable of grasping a large-scale system
- Excellent writer and public speaker
- Passionate about quality, innovation, developer culture, and always learning

### **Interests**

- Modern scripting languages (Ruby, Python) and frameworks (Rails, Django)
- Android development
- Usability on the developer level (code readability, good design, documentation)
- Front-end usability and user experience
- Healthy and developer-friendly workplace initiatives
- Open source tools and development within the workplace
- Search engines and their impact on information literacy
- Novel data visualization
- Multi-disciplinary use of emerging technologies
- Exposure to, learning, and mastery of new ideas and concepts
- Diversity in computing, college recruiting, mentorship, teaching, sharing