

Jared A. Luxenberg

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OBJECTIVE

To work on software for systems which interact directly with the real world. My areas of interest include embedded systems, consumer devices, low-level software and hardware, and web applications.

EDUCATION

Carnegie Mellon University – Bachelors of Science, Computer Science. Human Computer Interaction.
May 2008. QPA: 3.59

TECHNICAL SKILLS

Computer Languages: Ruby, C/C++, Java, SQL, PHP, XHTML/CSS, JavaScript, Python

Technologies/software: Subversion, Apache, basic Git proficiency, basic Illustrator and Photoshop skills

Operating systems: Linux, Windows

PROFESSIONAL EXPERIENCE

Self, *Freelance Coding Contractor* Present

- Designed and built hardware and software solutions for Envision Telepharmacy
- Worked with Gumstix embedded Linux platform to develop medical imaging devices
- Worked on entrepreneurial ventures including <http://www.oncarte.com>

Amazon.com, *Software Development Engineer* Sept. 2008 through Sept. 2010

- Developed and operated scalable, highly available services for the Elastic Compute Cloud
- Coded / tested the algorithm that sets a market price for EC2's "Spot Instances" product
- Built internal reporting tools that were used to drive mission critical monitoring and business metrics

Green Hills Software, *Software Engineer Intern* Summer 2007

- Learned how to program a system-on-a-chip device
- Wrote low-level device driver (using C) for a proprietary real-time operating system used in an embedded environment

Yahoo Inc., *Software Engineer Intern* Summer 2006

- Learned PHP and contributed code to a multi-tiered PHP/Java system
- Responsible for implementing an internal reporting system using PHP and Java

OSoft Inc., *Software Engineer Intern* Summer 2006

- Learned how to use and extend the Drupal content management system
- Developed custom modules to create an online learning and collaboration platform based on Drupal for the organization Teachers Without Borders

BiT Group, *Software Engineer Intern* Summer 2005

- Developed enterprise web applications using the J2EE API and Apache Tomcat
- Responsible for building a corporate web application from the ground up (<http://www.getintocollege.com>).

Center for Information, Technology, and Society, *Intern* February 1999

- Built online learning environment designed to involve K-12 students in learning via websites and online mentoring/tutoring outside the classroom.
- Developed software to automatically categorize websites based on their content

Ziplux Software, *Freelance Contract Work* February 1997 through June 2004

- Service consulting specializing in web design, computer repair, computer training, and software design