Jared Luxenberg

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Objective

Improving the productivity of other developers. Bringing new ideas from conception to implementation. Making the world more magical; bringing about the future.

My areas of interest include data processing, highly available web services, and distributed systems design.

Education

Carnegie Mellon University, Class of 2008, Pittsburgh, PA *Bachelors of Science, Computer Science and Human Computer Interaction.*

- QPA: 3.59

Professional Experience

Twitter, Software Engineer   *June 2015 - present*

- Enhanced and maintained one of the largest systems at Twitter (the User service)
- Worked to transition many internal stakeholders from a legacy audit log system
- Documented internal processes and code for the benefit of other team members

Nest Labs, Inc., Software Engineer   *March 2011 - May 2015*

- Contributed code to Scala-based synchronization web service used by all Nest devices and apps
- Responsible for setting code and Git commit log style guides
- Designed and implemented a tool which runs Demand Response events on a large fleet of thermostats
- Responsible for many internal infrastructure projects and improvements
- Built software used to manage cloud-based deployment of web services
- Developed and scaled a system capable of storing and processing log files from a large number of sources

Self, Freelance Coding Contractor   *November 2009 - March 2011*

- Designed and built hardware and software solutions for Envision Telepharmacy
- Developed reusable Javascript-based components for use in rich web applications
- Worked with Gumstix embedded Linux platform to develop medical imaging devices

Amazon.com, Software Development Engineer   *Sept. 2008 - 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 realtime operating system used in anembedded environment

Yahoo Inc., Software Engineer Intern   *Summer 2006*

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

Technical Skills

Languages: Scala, Ruby, Java, Shell Scripting, SQL, XHTML/CSS, JavaScript, C/C++

Software: Git, Splunk, Emacs