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### Education

# University of Washington, Seattle, WA

Sept. 2011 – June 2015

B.A. Economics

Computer Science concentration (42 credit hours)

## **Experience**

### Software Engineer, Milliman Inc.

June 2015 - Present

- Wrote an application to monitor and analyze user website activity in real-time
- Ensured quality assurance of several applications by adding implementation to preserve query information in the event of database malfunction
- Engaged in bi-weekly team meetings to discuss project objectives, milestones, and general updates

### Software Development Intern, University of Washington

March - June 2015

- Converted web designs into functional sites using a variety of technologies such as JavaScript, PHP, MySQL, HTML, CSS, and WordPress
- Added functionality and user interface changes to university websites as requested by staff
- Mentored by the lead developers to build a stronger foundation in software development

### Web Developer / Research Assistant, University of Washington

Dec. 2014 - March 2015

- Developed a dynamic textual viewer application that is used to display a variety of research documents
- Collaborated with another developer on the team to carry out weekly development goals
- Actively documented personal progress in regards to the application throughout the quarter

### Market Research Analyst Intern, Penn Schoen Berland

March 2014 - Sept. 2014

• Conducted technical research for multiple Fortune 500 clients through quantitative and qualitative data analysis and quality assurance

# Skills and Technologies

Proficient Java, SQL, HTML, CSS

Working Knowledge JavaScript (jQuery, D3), C#

Tools Git, Terminal, Scripting, WordPress, SQL Server, TortoiseSVN

**IDEs** Eclipse, Sublime Text, MS Visual Studio, jGrasp

Design Adobe Illustrator, Tableau

### **Projects**

### **DribbbleMaps** (Web Application)

- Created a web application that marks the geolocations of the currently most popular Dribbble images on Google Maps
- Reads in image data from the Dribbble API and then visually implemented using Google Maps Javascript API v3

### Portfolio Website

• Created and designed a website that serves as a portfolio and an environment to experiment with web applications and different programming languages

# University Coursework

Data Structures & Algorithms, Algorithms & Computational Complexity, Database Systems, Web Programming, Software Development Concepts & Tools, Java Programming I/II, Foundations of Information Technology, Information Visualization & Aesthetics

### Languages

Fluent in English