Gordon Wong

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Objective
Obtain a software engineering position where I can design, produce, and test software that will be used by others.

Education
B.S. Computer Science – UC San Diego   Expected graduation: June 2014   Upper division major GPA: 3.8
M.S. Computer Science – UC San Diego   Expected graduation: December 2015

Skills
Languages – Java, C, C++, Ruby, Scala, OCaml, SQL   Web – Node.js, Rails, JSP, AngularJS, AJAX, JavaScript, HTML, CSS
Other – Android SDK, XML, JSON, JUnit, Perforce, Git, SVN, MVC, active record, Eclipse, JIRA, Scrum

Personal Projects
BG Monitor Diabetes – 20,000+ downloads (2012 – Present) www.bg-monitor.com
- Created a diabetes Android app to rectify the lack of existing quality diabetes apps in the Google Play Store
- Used unique perspective to develop an easy to use app that helps diabetics manage their blood sugar levels
- Designed and implemented a responsive user interface that adapts to varying phone and tablet screen sizes
- Continue to update the popular diabetes app by effectively using user feedback, bug reports, and analytics
- Developed using Android SDK, Java, SQLite, XML, Git, Eclipse, Google Analytics

Employment
Box Software Engineering Internship – Los Altos, CA (Summer 2014)
- Developed in Scala a load testing framework that improves the accuracy of load tests by replaying live traffic
- Created with Node.js and AngularJS a web application helping users find and discover Docker images
- Designed and implemented a MySQL database and web service used to index the Docker images

Intuit Software Engineering Internship – Mountain View, CA (Summer 2013)
- Produced a much needed update for the Intuit Online Payroll Android app
- Used Android experience to add new features, fix existing bugs, and improve mobile data performance
- Implemented a visual redesign that provides users with a unified experience across all Intuit applications
- Practiced Agile software development (Scrum) and worked in a cross-functional product development team
- Worked with QA to prepare a version 4.4 update that was released to thousands of users on October 16, 2013

Cisco Team Internship – San Jose, CA (Summer 2012)
- Designed an interactive exhibit that demonstrates the energy efficiency of Cisco products to customers
- Collaborated with other engineers and used C++ to create a Windows application that generates network traffic and collects and analyzes the power consumption of networking devices
- Used JavaScript, JSON, and Qt UI framework to design and develop an accessible touchscreen interface

Tutor for Computer Science department – UC San Diego
Parallel Computation (Fall 2013), Data Structures and Software Tools and Techniques Lab (Winter 2012 – Spring 2012)
- Honed problem solving skills by helping students implement and debug their C++ and Java programs
- Gained a deeper understanding of parallel programming, data structures, and algorithms by teaching students
- Learned to quickly comprehend and analyze code written by others

Course Projects
Web analytics application (Team project, Spring 2013)
- Created a shopping website that provides sales analytics using JSP, SQL, AJAX, JavaScript, HTML, CSS
- Efficiently produced analytics for millions of sales by using pre-computed tables and SQL indexes
- Implemented correct concurrent transactions across multiple product management and ordering sessions

I Lost It website (Team project, Fall 2012) ilostit.herokuapp.com
- Developed a website for finding users' lost items using Ruby on Rails, active record, jQuery, HTML, CSS
- Implemented advanced search functionality with Google Maps integration, filters, and item categories
- Automated testing by translating use cases into natural language tests for Cucumber testing tool
- Collaborated with five developers through Git, pair programming, and frequent code reviews