Joshua Kalpin

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Technical Skills

Proficient Languages: Java, Objective-C, C, C++
Familiar Languages: Bash, JavaScript, Ruby, LaTeX
Frameworks and APIs: iOS, Android, Swing, GWT, JUnit, Mockito, Appium, Kiwi, PostgreSQL
Tools: Windows, OS X, Ubuntu, Git, Jenkins, GDB, Valgrind

Experience

Lookout Inc.   **San Francisco, CA**
iOS Engineering Intern   *August 2013 – Present*

– Developing the next version of the Lookout Mobile Security iOS app.

Enflick Inc.   **Waterloo, ON**
iOS Mobile Applications Developer (Co-op)   *December 2012 – April 2013*

– Completed a technical rewrite and visual redesign of the TextNow iOS application in Objective-C
– Developed highly flexible and dynamic user interfaces for TextNow
– Designed an automated testing framework to significantly increase iOS test coverage
– Created a TextNow Chrome Extension in JavaScript

Salesforce.com - Work.com (Rypple)   **Toronto, ON**
Ninja Software Developer (Co-op)   *April – August 2012*

– Developed both client- and server-side code in Java using GWT with test-driven development
– Collaborated on the design and development of front-end and REST APIs for search and notifications
– Completed UI overhauls on emails and parts of the Work.com application in HTML and CSS
– Increased overall test coverage on both client- and server-side code by over 10%

Open Source

CocoaPods   **https://www.github.com/CocoaPods**

– CocoaPods in an Objective-C dependency manager similar to Bundler developed in Ruby
– Enhanced the repository feature to enable developers to easily remove installed repositories

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Personal Projects

UW Weather: An Android weather app that interfaces with the weather station at the University of Waterloo
Simple Dice Roller: An Android dice application with both touch and shake control
Morse Code Translator: An English to Morse code translator, programmed in Java using Swing, with basic I/O
This Resume: This resume is written in LaTeX with the source code on GitHub

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Education

University of Waterloo   **Waterloo, ON**
Candidate for a Bachelor of Software Engineering (BSE)   *2011 – 2016*

William Lyon Mackenzie Collegiate Institute   **North York, ON**
Ontario Secondary School Diploma   *2007 – 2011*