

# Joshua Kalpin

109 Serene Way • Thornhill, ON • L4J 9A3

☎ (519) 741-7281 • ✉ jkalpin@uwaterloo.ca • 🏠 Kapin • 🐦 @joshkalpin

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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

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## Experience

### Lookout Inc.

iOS Engineering Intern

San Francisco, CA

August 2013 – Present

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

### Enflick Inc.

iOS Mobile Applications Developer (Co-op)

Waterloo, ON

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)

Ninja Software Developer (Co-op)

Toronto, ON

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%
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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

**Open Source Contributions:** Minor contributions to Mozilla and OCTotallyLazy.

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## Education

### University of Waterloo

Candidate for a Bachelor of Software Engineering (BSE)

Waterloo, ON

2011 – 2016

### William Lyon Mackenzie Collegiate Institute

Ontario Secondary School Diploma

North York, ON

2007 – 2011