

# Joshua Kalpin

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## Experience

- **Enflick Inc.** **Waterloo, ON**  
*Mobile Applications Developer Co-op* *December 2012 – April 2013*
    - Collaborated to complete a complete technical rewrite of the TextNow iOS application in Objective C.
    - Designed and developed methods of testing client-side code to significantly increase code coverage.
    - Created highly flexible and dynamic user interface elements for use within the app.
    - Conducted daily code reviews.
  - **Salesforce.com - Work.com (Rypple)** **Toronto, ON**  
*Ninja Software Developer Co-op* *April – August 2012*
    - Developed both client- and server-side code in Java and SQL using GWT using 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%.
  - **The Syndicate** **Toronto, ON**  
*Writer, Pirates of the Burning Sea* *September – November 2009*
    - Operated within the extremely tight schedule of the project and delivered all assigned work on time.
    - Called upon to complete last minute revisions to ensure the product was released to print as scheduled.
  - **The Syndicate** **Toronto, ON**  
*Writer, Warhammer Online* *July – September 2008*
    - Mapped large areas of the Warhammer Online game world.
    - Wrote detailed supporting documents to be inserted alongside each map
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## Personal Projects

**This Resume:** This resume is written in  $\LaTeX$  with the source code on Github.

**UW Weather:** An Android weather app that interfaces with the weather station at the University of Waterloo.

**Simple Dice Roller:** An Android dice application that with both touch and shake control.

**Morse Code Translator:** An English to Morse code translator, programmed in Java using Swing, with basic I/O.

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## Core Technical Skills

**Proficient Languages:** C, C++, Objective-C, Java, XML, HTML, CSS, SQL and  $\LaTeX$

**Familiar Languages:** C#, Bash, JavaScript.

**Frameworks and APIs:** iOS, Android, Swing, GWT, JUnit, Mockito, Hibernate, Spring, Ant and PostgreSQL.

**Tools:** Windows, OSX, Ubuntu, Eclipse, IntelliJ, Visual Studio, XCode, Vim and Git.

**Open Source Contributions:** [Firefox](#), [OCTotallyLazy](#), [Cocoapods Specs](#), and [SDWebImage](#)

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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*