

# Joshua Kalpin

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## Computer Proficiency

- Highly proficient in Java, C, C++, XML, HTML, CSS, SQL and Apache Velocity.
- Familiar with C#, JavaScript, Bash and VHDL.
- Currently learning Python, Ruby and Haskell.
- Worked with Android, Windows Phone, Silverlight, Swing, GWT, JUnit, Hibernate and Spring.
- Experience with Windows, OSX, Ubuntu, Eclipse, IntelliJ, Visual Studio, Vim and Git.
- Experience working in an agile development environment as a member of a scrum team.

## Employment

### **Software Engineering Intern, Salesforce.com, Toronto ON**

*May 2012 - Present*

- Developed both server- and client-side code in Java and SQL using GWT in an agile and scrum environment.
- Collaborated with a UX engineer to design and implement updates in HTML, XML and CSS to the branding of the application.
- Designed and implemented enhancements to features that improved user engagement, including @mentions.

### **Software Manual Writer (Pirates of the Burning Sea), The Syndicate**

*Sept – Nov 2009*

- Operated within the extremely tight schedule of the project and delivered all assigned work on time.
- Called upon to complete essential last minute revisions to ensure the product was released to print as scheduled.

### **Software Manual Writer (Warhammer Online), The Syndicate**

*July – Sept. 2008*

- Mapped large areas of the Warhammer Online game world.
- Wrote detailed supporting documents to be inserted alongside each map.

## Projects

*All projects available at [github.com/kalpin](https://github.com/kalpin)*

### **UW Weather**

- An Android weather app that interfaces with the weather station on the University of Waterloo campus.

### **Simple Dice Roller**

- An Android dice application that supports multiple dice types with both touch and shake control.

### **Morse Code Translator - Java**

- An English to Morse code translator, programmed in Java that is able to print and save the translation.

## Education

### **University of Waterloo, Waterloo, ON**

*Sept. 2011 – Present*

*Candidate for a Bachelor of Software Engineering – GPA: 86.67%*

### **William Lyon Mackenzie Collegiate Institute, North York, ON**

*Sept. 2007 – June 2011*

*Ontario Secondary School Diploma – GPA: 93%*

## Awards and Distinctions

### **University of Waterloo, Waterloo, ON**

- Term Dean's Honours List (Jan. 2012)
- President's Scholarship (Sept. 2011)

### **William Lyon Mackenzie Collegiate Institute, North York, ON**

- Ontario Scholar's Award (June 2011)

## Activities

### **University of Waterloo, Waterloo, ON**

- Writer and Proof Reader for the Iron Warrior
- Engineering Society and Academic representation for the 2016 Software Engineering class.
- Open House and Shadow Day Volunteer for prospective engineering students.
- POETS Pub Manager

### **The Syndicate**

- Beta tester for MMO, FPS and RTS games for a variety of companies.