

# Jason Fang

1B Software Engineering

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## PROFESSIONAL PROFILE

- High programming proficiency in Java, C/C++, Python
- One year of agile web app development for public school clients using HTML5/CSS3/JavaScript
- 2 years experience of developing Java Swing Applications
- Experienced in UNIX-OS Development and Git version control
- Familiar with Ruby and Android Development
- Highly experienced in tools and software such as L<sup>A</sup>T<sub>E</sub>X, Vim, and Eclipse

## RELATED EXPERIENCE

### *Software Developer*

TechU.me Program, Kanata, Ontario

January - June 2013

- Designed and created educational cross-platform apps for clients in a public school using HTML5, CSS3, JavaScript, jQuery, and MelonJS
- Incorporated agile methodologies and followed the development cycle by calling daily scrums and making weekly sprints
- Developed for the BlackBerry Playbook using WebWorks
- Designed, edited, and prepared custom sprites and images based off client sketches with Adobe PhotoShop

### *Lead Developer - Scribbler S2 Robot Design Project*

University of Waterloo, Waterloo, Ontario

Sept. - Dec. 2013

- Developed Python scripts using Myro to add pet-like behavior to a robot
- Managed the team and the project's progress as a team lead

## PROJECTS

### *Badminton Schedule Generator*

Ruby on Rails Application

Jan. 2014

- Interacts with the badminton's club player database to provide optimal matchmaking for each court at any point in time
- Created front-end using HTML5, JavaScript, jQuery, CSS3, and Twitter Bootstrap
- Familiar with MVC pattern and its use in Rails

### *Command and Conquer*

Java Application

June 2011

- Sophisticated and user-friendly object-orientated Java Swing game based off RISK
- Prepared detailed UML diagrams to structure the program beforehand

### *Sliding Puzzle*

Java Application

April 2011

- Puzzle game with sliding blocks made using Java Swing
- Customizable puzzle images and sleek scrambling animations

## EDUCATION

Candidate for *Bachelor of Software Engineering*,  
Honours Software Engineering

University of Waterloo, Waterloo, ON.

September 2013 - Present

## AWARDS AND ACHIEVEMENTS

Term Dean's Honours List

University of Waterloo, Waterloo, ON.

Jan. 2014