

Website: [www.yuweixu.me](http://www.yuweixu.me)  
Email: [yuwei\\_xu@outlook.com](mailto:yuwei_xu@outlook.com)  
Mobile: 226-346-9546

# Yuwei Xu

## TECHNICAL SKILLS

### Expertise

In Decreasing Familiarity:

- Java/Android Development
- Python/Pygame
- Ruby/Rails
- HTML/CSS/Bootstrap
- Racket
- Javascript

### Tools

- Command Prompt
- Git/Github
- Android Studio

## EDUCATION

### University of Waterloo

Bachelor of Computer Science  
GPA 92.6% | Waterloo, ON

### Vincent Massey Secondary

Distinguished Honor Roll  
92% Final Average | Windsor, ON

## LINKS

[github.com/xuyuwei](https://github.com/xuyuwei)  
[ca.linkedin.com/in/yuweixu](https://ca.linkedin.com/in/yuweixu)

## ACTIVITIES

- UW App Dev Club
- UW CS Club
- UW Finance Association

## INTERESTS

- Hackathons
- Mathematics
- Trading
- Design
- Fashion
- Badminton

## PROJECTS

### Sonata | Android App | Nov 2014 - Present

- Music app for creating playlists using audio from YouTube videos
- Implemented multi-threading to handle playback and animation
- Integrated Android 5.0 design guidelines to build an elegant UI/UX
- Winning hack at a Velocity sponsored hackathon

### FX News | Android App | Rails API | Aug 2014 - Present

- Minimalistic App that displays the current week's forex economic events
- Wrote API to create allow custom queries and increased loading speed
- Used Mechanize gem to scrape data from news website
- Implemented HTTP Requests, SQLite, AsyncTask

### Find | Android App | Nov 2014

- App that allows friends to locate the exact positions of one another
- Implemented Google Maps & Firebase APIs for real-time updates

### Swarm | Java Game | April 2013

- Used object-oriented programming to develop a shooter game
- Created with Java Swing and Java AWT

### Tetris Battle | Python Game | May - June 2012

- Recreated the popular Facebook game with similar design
- Created a two-player mode to allow simultaneous play

## EXPERIENCE

### Campus Residence Council | Sept - Dec 2014

- Planned and organized monthly residence-wide student events
- Increased attendance by advertising and informing residents

## ACHIEVEMENTS

### René Descartes Scholarship | May 2014

- One of 15 recipients of a UWaterloo National Math Scholarship
- Awarded due to performance on Math and Computing Competitions

### USAMO Participant | April 2013

- One of 270 from 70000 students to write the USA Mathematics Olympiad
- Chosen due to performance on the AMC/AIME math competitions

### USACO Silver Division | Jan 2014

- Promoted to the silver division of the USA Computing Olympiad
- Chosen due to performance on the January 2014 online contest