

# Peter Li

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## Technical skills

- Experience in Android development
- Proficient in game and application development
- Proficient in Java
- Familiar with C#, C++, C
- Comfortable with Javascript, AngularJS, jQuery, HTML, SQL
- Worked with Python, PHP, ASP, Silverlight

## Employment History

### Application Developer - Imagine Communications Inc.

May 2014 - Aug. 2014

- Developed an internal progress dashboard using AngularJS, Bootstrap, and C# backend for route handling
- Designed a RESTful route handler API for the progress dashboard backend with exception/error propagation
- Maintained existing software systems, bug fixes in Silverlight and C# backend

### Web Developer - IvyGlobal Education

Jul. 2013 - Aug. 2013

- Expanded, created, and maintained functionality of web pages using PHP, ASP, and HTML
- Managed databases using Microsoft SQL

## Projects

### BubbleEscape - an original android game

- Led and managed development of the project
- Swipes on screen are translated into water currents to push characters and objects
- Implemented object collision detection, animations, character behaviour, game logic

### PC Pwns Console (PCPC)

- A Java console used as a framework for accessible user inputs, text and graphical outputs, and ease of use when making programs. Used in all Java projects.

### PC3D with PCAA - implements PCPC

- Implemented a 3D space view of coordinates
- Implemented an anti-aliasing filter to smooth jagged lines

### Various Game Clones - implements PCPC

- Developed clones of The Impossible Game, Tetris, QIX, Geometry Wars, and Pathery

### ProCrastinator - 2014 Facebook hackathon project

- A web app that redirects the user to a random procrastinating web page based on user input
- Developed app functionality with Javascript and CSS

## Education

### University of Waterloo, Software Engineering, Waterloo, Ontario

- Term 2A, Candidate for Bachelors in Software Engineering, class of 2018

## Achievements

### Vex Robotics World Championship

Apr. 13, 2011

- Competed against over 400 teams from different schools around the world

## Activities, Hobbies, and Interests

- Hackathons
- Active member of Overclock.net, an enthusiast technology forum
- Competitive FPS and MOBA gamer
- Piano, Jazz
- Table tennis