

# JEFFREY HUANG

## Software / Web Developer

 [linkedin.com/in/jeffreyphuang](https://www.linkedin.com/in/jeffreyphuang)  [github.com/Jeffhuang1](https://github.com/Jeffhuang1)  [jeffreyhuang.ca](http://jeffreyhuang.ca)

2A Computer Engineering  
338 King Street N  
Waterloo ON, N2J 2Z2  
m: 226-808-5718

[jeffrey.huang@uwaterloo.ca](mailto:jeffrey.huang@uwaterloo.ca)

## Qualifications

- Advanced experience with object-oriented programming in mobile and web development utilizing C#, Java, JavaScript, PHP, HTML5, CSS3, and Drupal in both Windows and MAC
- Knowledgeable in MVC and MVP design methodology through front-end Android and iOS development; back-end experience include building RESTful APIs in Node.js and MongoDB
- Experienced with front-end and back-end web frameworks including AngularJS, jQuery, Express, and Sails
- Effective individual and team worker, proven through a wide array of personal and group-based projects through the use of Git, Subversion, and JIRA

## Work Experience

### May 2016 - Software Engineering - Android

Present *Yahoo! Inc, Sunnyvale CA*

- Developed the core Yahoo News Android App with 5M+ daily users using the latest Android technologies such as Dagger 2, and ReactiveX
- Researched and tested new technologies from the open source community to increase code runtime efficiency
- Collaborated with a team of 9 Engineers and Product Managers to release new features in 2 week sprint cycles

### Aug 2015 - Software Developer

Dec 2015 *Canadian Tire Innovations Lab, Kitchener ON*

- Developed mobile apps using a full JavaScript and CSS Stack (AngularJS, Bootstrap, Cordova)
- Contributed to the development of Canadian Tire's IoT framework, which includes the Smart Barrel and Smart NOMA Lights
- Built RESTful API services to support mobile applications in Express/Sails and MongoDB.

### Jan 2015 - Web Applications Developer

May 2015 *Ontario Institute of Cancer Research, Toronto ON*

- Contributed to the development of the National Cancer Institute: GDC and Global Alliance for Genomics and Health websites
- Worked on both the front-end (HTML5, CSS3, JavaScript) and back-end (PHP, MySQL) of various projects

## Personal Projects

### Aria [MEAN Stack, Machine Learning]

- Runner-up for Yale Hackathon 2015
- Developed an intelligent travel agent using data from Facebook's API, JetBlue's flight data, and TripAdvisor's travel data

### Draw [Socket.IO, jQuery, Nodejs]

- Implemented a real-time multiplayer interactive drawing game where players take turns drawing and guessing each other's sketches

### Learn With Me [Android, iOS, Nodejs, MongoDB]

- Currently producing a mobile application to connect students with each other to provide additional studying opportunities

### Connect 4 [HTML, CSS, JavaScript]

- Developed an in-browser local multiplayer Connect 4 game with AI support

## Skills

### Languages

- JavaScript
- Python
- C++
- Java
- Swift
- C#

### Tools

- Android Studio
- MongoDB
- Git
- Jira
- XCode
- Nodejs
- SVN
- Sublime

### Design Principles

- MVC
- VIPER
- ReactiveX
- MVP
- Dependency Injection

## Awards

### 1st Place Hack the North - Jarvis

- Created a mobile application to provide personalized hands-free navigation for cyclists

### University of Waterloo

#### Deans Honour List

- Obtained an academic standing in the top 10% of the class
- Term Average 90%

## Education

### Computer Engineering

#### University of Waterloo

*Bachelor of Applied Science*

*Expected Graduation 2019*

## Interests

### Computer Science Club

- Works together with members to promote computer science at the University of Waterloo
- Club members meet weekly to share knowledge in computer programming

### Chess Club

- Organized club meetings and tournaments as an executive member
- Worked closely with members through hosting tutorials on advanced chess strategies