

JEFFREY HUANG

Software / Web Developer

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2B Computer Engineering
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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

Present *Yahoo Inc, Sunnyvale CA*

- Developed the core Yahoo News Android app with 5M+ users using the latest Android technologies such as Dagger 2, and ReactiveX
- Researched, tested and developed on new technologies from the Android framework and the open source community such as the RecyclerView and CoordinatorLayout to increase code efficiency and readability
- 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 for mobile apps 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
- PHP
- Java
- C++
- C#

Tools

- Android Studio
- MongoDB
- Git
- Jira
- Vim
- 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