

Jeffrey P. Huang

2A Computer Engineering

<http://github.com/Jeffhuang1> · <http://www.jeffreyhuang.ca>

3-338 King Street N. Waterloo, ON · 226-808-5718 · jeffrey.huang@uwaterloo.ca

Qualifications

- Working experience with object-oriented programming and web development utilizing C#, Java, JavaScript, PHP, HTML5, CSS3, and Drupal in both Windows and MAC operating systems
- Knowledgeable in MVC design methodology through front-end development with AngularJS and JQuery; back-end experience include building RESTful APIs in Node.js, MySQL, and MongoDB
- Experienced with both native and hybrid mobile app development
- Effective individual and team worker, proven through a wide array of personal and team based projects through the use of Git, Subversion, and JIRA

Projects

- Jarvis** – Hack the North Project September 2015 – Present
- Winner of Hack the North 2015 – <http://devpost.com/software/jarvis-kfw924>
 - Created a mobile application to provide personalized hands-free navigational assistant for cyclists made using BlueTooth, Arduinos, and the Google Maps API
- Draw** – Personal Project April 2015 – August 2015
- Utilized the MEAN stack and Socket.io to make a real-time interactive drawing game
 - <http://jeffreyhuang.ca/draw>
- Connect 4** – Personal Project November 2014 – May 2015
- Developed a Connect4 game with AI support using HTML, CSS, and JavaScript
 - <http://jeffreyhuang.ca/connect4/connect4.html>
- Data-Binding Presentation** – Personal Project January 2015 – April 2015
- Produced an HTML5 Presentation using Reveal.js on the comparing and contrasting data binding in AngularJS, EmberJS, and KnockoutJS
 - <http://jeffreyhuang.ca/presentation/>

Work Experience

- Canadian Tire Innovations Lab – Software Developer** August 2015 – December 2015
- Developed mobile web apps using a full JavaScript and CSS Stack (AngularJS, Bootstrap, Cordova)
 - Contributed to the development of Canadian Tire's IoT framework, which include the Smart Barrel and NOMA Lights
 - Built RESTful API services to support mobile applications in Express and MongoDB.
- Ontario Institute of Cancer Research - Web App Developer** January 2015 – May 2015
- Created and maintained websites using Drupal CMS, and LAMP stack
 - Contributed to the development of the National Cancer Institute: GDC and Global Alliance for Genomics and Health websites
 - Developed on both the front-end (HTML5, CSS3, JavaScript) and back-end (PHP, MySQL)

Education

University of Waterloo September 2014 – Present
Bachelor of Applied Science – Honours Computer Engineering, Co-op

Extra-Curricular Activities and Interests

- University of Waterloo Computer Science Club** September 2014 – Present
- Works together with members to promote computer science at the University of Waterloo
 - Club members meet weekly to share knowledge in computer programming
- University Hill Chess Club** January 2013 – June 2014
- Organized club meetings and tournaments as an executive member
 - Worked closely with club members through hosting tutorials on chess strategies