Jeffrey P. Huang

1B Computer Engineering

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Qualifications

- Proficient with object-orientated programming (C#, Java)
- Experienced with scripting languages (JavaScript, PHP)
- Familiar with relational databases (MySQL)
- Knowledgeable in web technologies (Apache, Node,js, HTML, CSS, Drupal)
- Has experience developing and using both Windows/Unix operating systems
- 6 years of practical experience with Microsoft Office (Excel, PowerPoint, Word)

Projects

Personal Website   November 2014 – Present
- Designed a website depicting my achievement using HTML and CSS
- http://csclub.uwaterloo.ca/~p23huang

Draw   April 2015 – Present
- Utilized Node.js and Socket.io to make an real-time interactive drawing game
- http://csclub.uwaterloo.ca/~p23huang/draw

Connect 4   November 2014 – Present
- Developed a Connect4 game with AI support using HTML, CSS, and JavaScript
- http://csclub.uwaterloo.ca/~p23huang/connect4/connect4.html

Data-Binding Presentation   January 2015 – April 2015
- Produced an HTML Presentation using Reveal.js on the topic of data-binding
- http://csclub.uwaterloo.ca/~p23huang/presentation/

PayCalc   February 2014
- Developed a C# application to calculate net pay by calculating taxes/deductions
- http://csclub.uwaterloo.ca/~p23huang/PayCalc.txt

Work Experience

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 (HTML, CSS, JavaScript) and back-end (PHP, MySQL)
- Created automated testing harnesses using JavaScript and REST APIs
- Increased knowledge on software design principles and methodologies

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