

Henry Du

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Skills

Languages

- Java
- HTML5
- CSS3
- Python
- C
- C#
- C++
- JavaScript
- Turing
- Racket
- SQL

Frameworks

- .NET MVC3
- Flask
- Node.js

Tools:

- Socket.io
- Photoshop
- SVN
- Git
- Vim
- Pebble.js
- NLP
- Eclipse
- Sublime
- XAML
- WPF
- IIS
- AWS
- JQuery
- Visual Studio

Testing

- Selenium
- NUnit
- Valgrind
- Debuggers

Education

The University of Waterloo Sep 2014 – Present

- Computer science undergraduate with an option in digital hardware

Employment

International Medical Solutions September 2015 – December 2015

- Redesigned UI, patient anonymization, unit tests, pushed new features to production

Merxmotion Dec 2013 – March 2013

- Converted skins from .PSD to HTML/CSS format

ConBravo Jul 2012 - Present

- Organize annual convention by, maintaining all A/V and supervising volunteers

Anime North Apr 2012 – Present

- Organize annual convention by, communicating with guests and overseeing crowds

Jack Astor's Sep 2013 – Dec 2015

- Host at Jack Astor's

The Mississauga Learning Centre Feb 2012 – Sep 2013

- Tutor students in Mathematics, English, Science, and any other subject they may have difficulty with

Achievements

- 1st in Fashion Merchandising Category at the annual provincial DECA Ontario competition
- Top ten in the Fashion Merchandising Category at the International Career Development Conference
- Best domain name at Hack Harvard

Projects

- Presentebble
 - Constructed a pebble application that allowed a user to control a PowerPoint presentation through their pebble watch
 - C++, pebble.js, Pebble web IDE
- hAlkuu
 - A machine learning algorithm which generates haikus from a photo
 - NLP, Flask, JQuery, Bootstrap, Clairifai API, Facebook API, Python
- Android Maze program
 - Created a prototype for a maze game in android, implemented accelerometer and wrote intersection
 - Java, XML, Eclipse
- Synked
 - Created a web app which allows two users to view YouTube videos in sync with each other
 - Sockets.io, Node.js, JQuery, Bootstrap