Tony Chen

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https://github.com/hashbrownmap

EDUCATION

McGill University

Computer Science
September 2014 - December 2018

Relevant courses:

Data Structures, Algorithm Design, Software Design, Programming Paradigm (Functional Programming), Artificial Intelligence, Database Systems

Coursera

Machine Learning
March 2017 -

SKILLS

Proficient languages: Java, C++, PHP, JavaScript, HTML5, CSS

Familiar languages: Python, F#, C, Perl, Bash

Technologies: React, Node.js, JQuery, Bootstrap, MySQLite, PostgreSQL, MVC

Tools: Git, Android Studio, Wireshark

LEADERSHIP/VOLUNTEER

Disrupt Montreal – *Mentor*

Mentored at a Thinkathon. Helped teams validate technical feasibility.

EXPERIENCE

BlackBerry QNX, Ottawa – *Software Engineering Intern*

May 2017 –

Mateband, Montreal – *Co-founder*

May 2016 –
- Working on smartband system to provide safer spaces for large scale events using BLE mesh.
- Created website using HTML5, CSS, and JavaScript.
- Currently working on prototype using React Native.
- Semi-Finalist at McGill Dobson Cup 2017.

Rhodium Labs, Montreal – *Web developer*

May 2016 – September 2016
- Help built the landing page of a chatbot for diabetic patients using Jade (pug), Stylus, JavaScript, ScrollMagic.
- Build a chatbot price estimator webpage using PHP, HTML5, and CSS.

TECTC, Tianjin – *Software Engineering Intern*

May 2015 –August 2015
- Conducted maintenance of system in PHP, JavaScript.
- Wrote PHP script to send data to Excel sheet that saved employees an hour per day who used to manually do it.
- Utilized MySQL to store agreement proposals and event queues, using JOOQ to avoid SQL injection attack.

PROJECTS

Shower Dash
- Hacked an Amazon Dash to track of time spent in shower.
- Built with Python and used Scapy to catch the Dash's request. Used CloudStich to get data on Google Sheets.

Opinionator
- Built a discussion website where users can start or catch and follow random threads, but they can only reply once.
- Built using LAMP, HTML5, CSS/Bootstrap, JavaScript, and AngularJS.

AskYP
- A twitter bot that replies to tweets with the hashtag 'askYP' with nearby merchants
- Used Python, twitter's Stream API, natural language processing (nltk) and Yellow Pages API.