

Tony Chen

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<https://github.com/hashbrownmap>

EDUCATION

McGill University

Computer Science
September 2014 - May 2018

Relevant courses:

Data Structures, Algorithm Design, Software Design, Programming Paradigm, Artificial Intelligence, Theory of Computation, Web Development, Database Systems

SKILLS

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

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

Technologies: Bootstrap, ReactJS, NodeJS, JQuery, mySQLite, MongoDB, MVC, FLUX

Tools: Git, Android Studio, Wireshark

LEADERSHIP/VOLUNTEER

Stark Collective/WearHacks – Event organizer

Part of the Montreal team to organize WearHacks2017 and to organize passport VR

Disrupt Montreal – Mentor

Mentored at a Thinkathon. Helped teams validate technical feasibility.

EXPERIENCE

Mateband, Montreal – Co-founder

May 2016 –

- Working on smartband system to provide safer spaces for large scale events using BLE.
- Created website using HTML5, CSS, Javascript.
- Currently working on prototype using React Native.
- Secured deal with Trinidad&Tobago Carnival.

Rhodium Labs, Montreal – Web developer

May 2016 – November 2016

- Built a website for a chatbot for diabetic patients.
- Used Jade(pug), Stylus, JavaScript, ScrollMagic and pills.css.
- Also build a website that estimates pricing for chatbots using PHP, HTML5, CSS/Bootstrap

TECTC, Tianjin – Software Engineer Intern

May 2015 – August 2015

- Worked with analysis team to document and implement business rules by using Oracle Policy Automation.
- Conducted maintenance of the trading system using MVC model, PHP, JavaScript, Linq.

PROJECTS

Opinionator

- Built a social media website where users can start, catch and follow random threads, however they can only reply once.
- Built using LAMP, HTML5, CSS/Bootstrap, JavaScript, AngularJS.

AskYP

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

Shower Dash

- Hacked an Amazon Dash to keep 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.