# Darren Tu

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# SKILLS / ACTIVITES

Proficient in: Python, Java, Unix environment, HTML/CSS, Microsoft Office

Familiar with: Version Control - Git, SQL, JavaScript, PHP

**Leadership & Computer Science activities**: Wolfram Student Ambassador, DeltaHack's relations executive, Computer Science Society's First Year Representative, President of North Park S.S Computer Science club

# **EDUCATION**

# Bachelor of Applied Science, Computer Science, Co-op

**Graduating April 2019** 

McMaster Honors Award Recipient, McMaster University, Hamilton, ON Cumulative Average: 3.8/4.0 GPA

#### **WORK EXPERIENCE**

#### Research Assistant – App Developer, McMaster University

2016

- Worked on Femoroacetabular impingement (FAI) app using Ionic (Cordova) and AngularJS
- Debugged a massive code base of JavaScript and PHP
- Worked on developing REST API using PHP
- Published app on both the Apple app store and the Google play store

# **Teaching Assistant, McMaster University**

2016

- Facilitated weekly lab classes of 60 students
- Helped students code and de-bug their own python programs
- Marked assignments and exams

# Web Developer, YGEN Inc.

2014 - 2015

- · Created in-depth wireframes for the layout which shortened development time significantly
- Ensured smooth user experience which reduced user bounce rate
- Programmed with JavaScript, PHP and the Google Maps API

#### RELEVANT PROJECTS

# **Chapsule | Event File Sharing Platform**

2015 - Present

- Chapsule (chapsule.com) Built with 3 other teammates
- Worked with Amazon Web Services to implement server infrastructure
- Chapsule was used in University of Toronto's Welcome Week and was featured in the Bramptonist

# Anomia | Amazon Echo extension - Winning Hack in MHacks8

2016

- Built with 3 other teammates
- Helped build REST API using node.js and express.js
- Implemented server infrastructure and added SSL certificates

#### Trolcc.ca | Church Website

2015

- *Trolcc.ca* Independently built website
- Coded front-end using Materialize.css (CSS framework)
- Worked on the Search Engine Optimization which improved website rankings