# **Lawrence Chung**

# **(647)–761-9708 | chungl1@mcmaster.ca**

# **https://github.com/chungl1**

Qualifications

* Operating systems: Windows, Linux (Fedora)
* Programming Languages: C, C++, Python, Java
* Tools: Version Control (Git and SVN), Object-oriented programming, Vim, Eclipse, Sublime, MATLab, LaTeX, Android Studio

Education

B.Eng at McMaster University– Software and Embedded Systems Engineering (co-op), class of 2020

**Courses**

* Introduction To Software Development**:** Learned about Abstract Data Types and developing test cases for Software code in **Python and C++**
* Principles of Programming: Learned to implement Data Structures such as Linked Lists in **C**
* Binding theory to Practice: Implemented learned algorithms in **Java**

**Projects**

Python Scrabble Program Project

* Developed a program to output the word yielding the highest score in **Python**
* Users input a combination of letters and the program creates all possible permutations

TrawlExpert Project

* Build a software tool from scratch, in a team of 5, using tools such as **git**
* In **Java,** Implement sorting and search algorithms for data sets bigger than 200,000 elements, leading to running times less than a second
* Develop test cases for back end, resulting in 100% accuracy in results

BlindDetect Project

* Used TensorFlow API for Object Detection in application for Hackathon Project
* Manipulated the front end of application to change orientation of the application (Portrait vs. Landscape)
* Added text-to-speech to the application, intended for use by the visually impaired

### Experience

Retreat Planner for Eastern Canada Chinese Catholic Living Camp Inc. Sept 2017 – Present

* Collaborate with 5 other team members to plan and execute a weekend-long Catholic long retreat for young adults aged 17-35, for up to 200 people
* Budget for necessities such as campsite fees, logistics fees, rental fees etc… resulting in efficient spending, maximizing results

Warehouse Associate at TJX Canada July 2017 – Aug 2017

* Lifted boxes ranging from 5 lb to 50 lb from conveyor and sort by store number resulting in accurate shipment
* Learned to use pump truck to move skids from sortation department to shipping department

Automotive Mechanic Shop Assistant Jun 2015 - Aug 2015

* Apprenticed as basic mechanic to execute basic automotive services including spark plug and oil changes
* Developed sound knowledge in warranty, safety, and sales paperwork

Waiter at Sushi Sushi Japanese Restaurant Jun 2016 – Aug 2016

* Interacted with customers to seat and take orders, resulting in customer satisfaction
* Cleaned restaurant and aid kitchen staff with food preparation to increase in service while maintaining a healthy environment

Private Piano Teacher Jul 2014 – Jan 2016

* Trained students privately from levels 1-5, resulting in successful examinations with scores of 89+ along with mentoring players in professionalism and communication for recitals
* Built lesson plans using Royal Conservatory of Music curriculum, tailoring to accommodate students of different learning styles allowing student to learn comfortably and efficiently