

Education

University of Waterloo

Candidate For Bachelor of
Computer Science 2020

Skills

Languages&framework

Python • C++ • Java
C • OOP • Flask
Keras • Selenium

Devops

Agile • Jira • Bitbucket
Bamboo • Artifactory
Ansible • Git models
Docker • Confluence

Languages

English • Cantonese
Mandarin

Projects

RUHacks2018 🏆

Best Green(Money) Hack
Built Cocoa, a proactive
budget financial app

ConuHack2018 🏆

First Place API Challenger
Winner

Hackathon Overall Third
Place Winner

Built Awesome sport, an
automatic soccer game
highlighter

YaleHack2017 🏆

Built Emotionji, a text emotion
analyzer

Experience

Software Developer

Bank of Montreal Financial Group

May 2019 - Aug 2019

- Developed and implemented authentication and encryption for premise and Cloud Gemfire data grid's Client and Server in **C#** and **Java**
- Enhanced Gemfire Data Browser functionality to enable exporting thousand's or more row of data in JSON format
- Created a data provisioner for market stress data using **C#**, **Protobuf3** and an API for Market Risk Data

DevOps Engineer Intern

Bank of Montreal Financial Group

Sept 2018 - Dec 2018

- Developed and managed **Ansible Playbooks** to perform software configuration management
- Created and deployed an issue tracker related to server vulnerability issue using **Flask** and **jQuery**
- Developed control center configuration automation using **SikuliX**, **Selenium**, **Python**, and **Ansible**

Data Analyst Student Intern

Royal Bank of Canada

May 2018 - Aug 2018

- Developed an automated test suite to verify correctness and presence of analytic data from RBC mobile app using **Python**, **Pandas**, **Android Studio**, **Google Analytics**, and **BigQuery**
- Utilized the analytic test automation suite to find analytic errors for the upcoming 2.0 release of the mobile app
- Assisted in repairing a fingerprint authentication issue on the mobile app

Machine Learning Research Assistant

Epiphany Asset Management (HK) Limited

May 2017 - July 2017

- Compared different machine learning algorithm models' performance such as **LSTM**, **gradient boosting regression**, and **hybrid ARIMA** using HSI's data within **Python**, utilizing **Pandas**, **NumPy**, **Keras** and **Sci-Kit Learn**