


# FRANCOIS LOW


## CONTACT

 flicklow@mun.ca

 Personal Website

 francoislow

 francelow

 +65 83695135

## EDUCATION

Memorial University of  
Newfoundland

Sept. 2018 – present

BSc Computer Science  
(Co-op)

GPA: 3.68/4.00

Dean's List Faculty of  
Science 2018-2019

## TECHNICAL SKILLS

### Languages:

Python, Java, Javascript,  
C, PHP, HTML/CSS

### Frameworks/Tools:

Bootstrap 4, MySQL,  
Git, OpenCV, Keras

### Environments:

Linux, Windows, Visual  
Studio, Atom, Spyder,  
IntelliJ

## PROJECTS

### Python applications

- **Receipt reader:** Image processing of paper receipts using OpenCV and Tesseract-OCR to parse paper receipts and output receipt contents into a text document.
- **Real Estate Valuation Android App:** Built a Keras model to predict house prices with real estate data and serve this model using RESTful API built using Flask. The Android app consume this RESTful API to provide an estimated valuation of the real estate.

### Java application

- **Ricochet Robots boardgame:** Worked in a team on a multi-stage Java-based project to create a boardgame. Process involving UML software design, project management, code maintenance and testing.

### HTML/CSS/Javascript/Bootstrap 4

- **Personal portfolio website:** Built a responsive personal website using HTML/CSS and Bootstrap.

### PHP/MySQL/Apache application

- **Stock image e-commerce website:** Built a full stack website utilizing PHP to communicate between the website and the database to deliver services to the users. Using Paypal API to deliver payment processing and sales accounting.

### C Multi-threaded simulations/coursework

- Simulation of farmers crossing a single lane bridge.
- Simulation of teaching assistant tutoring students during office hour.

## EXPERIENCES

### National University Health System

Jun. 2020 – Jul. 2020

#### *COVID-19 Volunteer – Singapore*

- Facilitate in registration of patients, direct patients' movement.
- Perform preliminary physical tests on patients: Take blood pressure, temperature, oxygen saturation level and pulse rate.

### National Environmental Agency

Apr. 2018 – Aug. 2018

#### *Research Assistant, Singapore*

- Leads backend and field support for nationwide dengue control initiative, Project Wolbachia.
- Oversee the collection and analysis of field studies and lab reports.