FRANCOIS LOW

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EDUCATION

Bachelor of Science(Computer Science) Memorial University of Newfoundland (St John's, NL)
- Cumulative GPA: 3.7/4.0
- Expected Graduation Summer of 2022
- Dean's List Faculty of Science 2018-2019

TECHNICAL SKILLS

Programming Languages: C, Java, Python
Web development: HTML/CSS, Bootstrap framework

PROJECTS

GITHUB REPOSITORY: https://github.com/francelow

Receipt reader: Image processing of paper receipts using OpenCV and Tesseract-OCR to parse paper receipts and output receipt contents into a text document.
(November 2019 – December 2019)

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
(January 2020 – April 2020)

Personal portfolio website: Built a responsive personal website using HTML/CSS and Bootstrap.
Demo @ https://francelow.github.io/Personal_Website/
(February 2020 – May 2020)

RESEARCH EXPERIENCE

NATIONAL ENVIRONMENTAL AGENCY   April 2018 – August 2018

Research Assistant
Leads backend and field support for nationwide dengue control initiative, Project Wolbachia
- **Data Processing and Management:** Oversee the collection and analysis of field studies and lab reports.
- **Research Design:** Regularly develop protocols and procedures with supervisor.
- **Technical support:** Provide field support for deployment and collection of research specimens across the surveyed areas. Contributed to 80% reduction in the population of Aedes Aegypti mosquitoes.

VOLUNTEERING

[NATIONAL UNIVERSITY HEALTH SYSTEM](#)   Jun 2020 – Aug 2020

COVID-19 Operation Staff
Leads backend and field support for COVID-19 pandemic at dormitories.

- **Manage operation of medical post**: Facilitate in registration of patients, direct patients' movement within the medical post. Disinfect medical equipment and working environment. Preparing consultation stations for clinical examinations.
- **Perform preliminary physical tests on patients**: Take blood pressure, temperature, oxygen saturation level and pulse rate.
- **Assist medical officers during ward rounds:** Enters the patient room with the physician during patient visit to transcribe SOAP (Subjective, Objective, Assessment, Plan) notes in patients' charts.