# **Education**

## B. Eng. | Sept 2018 - Current | Carleton University

· Major: Computer Systems Engineering

· Related coursework: Computer Organization and Architecture, Object Oriented Design, Data Structures and Algorithms, Real-Time Systems, Computer Systems Development Project

# **Experience**

Software Quality Assurance Intern | Circle NVI | May 2021 – July 2022

· Responsible for performing and documenting various software testing requirements on desktop and mobile platforms including functional, regression, verification, validation, and performance testing.

· Proposed, documented, developed, and maintained a scalable framework for automated regression testing using Selenium in Python.

· Designed and presented mock-ups, architecture and use cases for mobile app, and used customer feedback to continuously improve the design.

· Implemented and documented a Continuous Deployment pipeline to optimize testing workflow.

· Worked closely with software developers to understand user scenarios, requirements, typical usage workflows, and anticipated risk.

· Worked to isolate product defects, determine and report root causes, and recommended solutions.

· Worked in an AGILE environment to meet team and company goals.

## Teaching Assistant | Carleton University | January 2021 – Current

· Responsible for helping students understand and apply concepts from Java and Python courses.

· Worked with professor and other TAs to improve course delivery using student feedback.

· Responsible for grading and providing constructive feedback on student work.

# **Skills & Abilities**

## Programming

· Strong understanding of memory handling, object-oriented programming, and software documentation.

· Experienced in Java, Python, front-end web development, C and Verilog.

· Worked with Debian Linux on embedded computers.

## Communication

· Worked in Scrum teams using AGILE workflow to build commercial software products.

· Acted as a key link between junior air cadets and officer staff in the chain of command.

· Excelled in the engineering communications course.

## Leadership

· Took actions to improve the quality of critical healthcare software at Circle NVI.

# **Accolades**

· Eric Sigurdson Award – 2020-22

· Dean’s Honor List recipient –2019-21

· J. Lorne Grey Scholarship – 2019