

SKILLS

- **Programming:** Java, Python, HTML, CSS, JavaScript, C/C++, MATLAB, R, Arduino, Racket, Git, Azure
- **Currently Learning:** C#, XAML, React (self-learning)
- **Communication:** English (fluent), French (proficient: DELF B2 certified), Mandarin (conversational)
- **Other:** Agile / scrum, JIRA, Microsoft Office Suite, leadership, communication, efficiency/time management

EXPERIENCE

Software Engineer Intern, Microsoft

Microsoft Garage | May 2021 - Aug 2021

- As scrum master, worked with PM to deliver efficient, well-structured, testable, and documented technical deliverables on time; kept the bug backlog under control and managed task board during weekly sprints
- Defined and implemented a scalable UWP Application using XAML and C#
- 1 of 50 North American Garage interns selected from over 10,000 applicants.

Undergraduate Research Assistant, UBC SAR Lab

University of British Columbia | May 2020 - Aug 2020

- Worked closely with PI Stefan Reinsberg and PhD student Firas Moosvi, Biomedical Imaging & AI Lab cluster
- Created a python application for data visualization that layers histology images by tiling, colouring, and overlaying the images; hosted using Flask
- Developed an arduino program to control the lab's PT410 Cryorefrigerator used to keep the 7T Bruker Magnet running

UBC Computer Science Teaching Assistant (TA), CPSC 110

University of British Columbia | Sep 2020 - Present

- Undergraduate TA for CPSC 110: Computation, Programs, and Programming, using Racket (teaching systematic programming)
- Led labs, problem set grading, and relayed student needs to professor.
- Navigated the new challenges of teaching programming virtually to groups of 10-12 students at a time: developed skills in effectively describing the thought process behind code without explicitly giving the answer (students not allowed to share screen to encourage academic honesty)

Elections Chair, UBC Science Undergraduate Society

University of British Columbia | Aug 2020 - May 2021

- Led team of elections administrators to organize SUS's Fall 2020 Elections, Vantage College 2020 Elections, AMS Rep By-Elections, and Spring 2021 Elections, and coordinated associated events (such as various all candidates meetings, as well as the Spring 2021 All Candidates Forum).
- Sent email blasts to all 9487 students currently registered in the faculty of Science, communicated with professors to increase voter turnout, and planned weekly meeting agendas with follow-up action items.

EDUCATION

Bachelor of Science + Master of Management Dual Degree

University of British Columbia - 2023

- Honours Computer Science, software engineering option
- Relevant Courses:
 - CPSC 110 (Racket; systematic programming),
 - CPSC 121 (logic, models of computation),
 - CPSC 210 (Java: software construction),
 - CPSC 221 (C++: algorithms & data structures),
 - CPSC 213 (Software architecture, operating systems, & I/O architectures)
 - COMM 120 (Business Immersion),
 - COMM 220 (Business Communications, in progress),
 - COMM 320 (Foundations in Accounting, in progress),
 - COMM 321 (Organizational Behaviour, in progress)

AWARDS

- **UBC Dean's List** '21, '20
- **Queen's Chancellor Scholarship Recipient** '19
- **Social Interconnectivity Grand Prize** @ Stanford's TreeHacks '21
- **Microsoft Azure Challenge Winner** @ Stanford's TreeHacks '21
- **Second Place Winner** @ TOHacks '21 (747 participants)
- **Best use of Open AI** @ TOHacks '21
- **IBM Most Innovative Project** @ UWaterloo's HackTheNorth '21

