

Sommer Harris

Vancouver, BC/Seattle, WA | [linkedin](#)

I am a Computer Science Masters candidate seeking full time work. I am passionate about problem solving and collaboration. I aim to support diversity in STEM and become an expert in software team development.

COMPUTER KNOWLEDGE / PROJECT HIGHLIGHTS

Windows | MacOS Javascript | HTML | CSS | Python | C | C# | Java Git | Unity | React | Figma | Observable

Q-Learning for Intelligent Optical Networks [java, python] | [Github](#), [Paper](#) May 2021 - June 2021

- Research on q-learning for intelligent optical networks. Published and presented at CCECE and CAN-CWIC '22.

Analysis of Architecture Patterns for Cloud Deployments [python, react, aws] | [Paper](#) October 2021 - Present

- Research on architecture pattern deployment to aws, developed metric based on business needs for our app

WORK EXPERIENCE

Northeastern University, Vancouver, BC September 2020 - Present

Senior Recruitment Ambassador | Teaching Assistant (2023)

- I am the first student to present Break into Tech, a sample computer science lecture usually taught by faculty
- Serve 1000s of students across the world through 1:1s, workshops, speaking on panels, work across six campuses

Colorado School of Mines and Northeastern University, Remote April - September 2022

Research Assistant

- Competitive research position with focus on data visualization for tracking irresponsible artificial intelligence

PixlWorks Productions, Vancouver, BC January 2022 - April 2022

Software Developer

- Full stack development, scrum master, leading sprints and retroactives, generating documentation for our app

Quest University Canada, Squamish, BC June 2018 - December 2020

Admissions Counselor | De facto Director (fall 2020) | Diversity Equity Inclusion Committee Member

- Technical support in slate, our admissions platform. Completed trainings to build pages and structures in slate
- Tracked funnel data, including \$5,000 + budget; served 1000s of students, mentored 14 student ambassadors

Uganda National Academy of Sciences, Kampala, Uganda September 2016 - March 2017

Forum Development Officer

- Generated \$100,000+ forum budgets/proposals and 10+ month forum schedules, launched monthly newsletter
- Built strategic partnerships (30+ partners per forum) across non-profit, private, and public sector institutions

EDUCATION

Northeastern University, Vancouver, BC *Masters of Science in Computer Science* (GPA: 3.9) 2020 - 2022

Intensive Foundations; Discrete Structures; Object Oriented Programming; Data Structures, Algorithms and Computer Systems; Algorithms; Mixed Reality; Machine Learning; Human Computer Interaction; Database Management Systems; Artificial Intelligence

Quest University Canada, Squamish, BC *Arts and Sciences (public health and literature)* (GPA: 3.6) 2012 - 2016

Royal Thimphu College, Thimphu, Bhutan *Academic Exchange: courses in meditation, ecology, journalism* 2014

ADDITIONAL EXPERIENCE AND SKILLS

Information and Communications Technology Council: Service Design Course Spring 2022

Northeastern Outdoor Recreation Student Interest Group Founder 2021-2022 | 500 hour yoga teacher certification 2022

Coursera: Linear Algebra for Machine Learning and Mathematics for Machine Learning: Linear Algebra 2020

2014-2016 Writer at *The Mark Newspaper* | 2015-2016 Editor of *Momenta*, *Quest Academic Journal*