Sommer Harris

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

I am a Computer Science Masters Graduate currently 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
Computer Science Teaching Assistant (2023) | Senior Recruitment Ambassador
- 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 for Web Data Visualization
- Competitive research position with focus on data visualization for tracking irresponsible artificial intelligence

PixlWorks Productions, Vancouver, BC   January 2022 - April 2022
Web Development Engineer
- 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 *Master 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, Squamish, BC *Bachelor of 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*