Redacted

Email: Redacted   **Phone**: Redacted   **Citizenship**: Redacted

Research Interests	programming languages theory; theoretical chemistry; computer science education; quantum mechanics, statistical mechanics

Education

University of British Columbia   Vancouver, British Columbia
B.Sc. Combined Computer Science and Chemistry   Sep. 2019 – Dec. 2024
GPA: 83%

Selected coursework

- CHEM 318: Advanced Organic Chemistry
- CHEM 304: Fundamentals of Reactivity in Inorganic Chemistry
- CHEM 312: Molecular Virology
- CHEM 312: Molecular Virology
- CHEM 312: Molecular Virology

Honours and Scholarships

Biotalent Canada Student Work Placement Program Grant ($5,000)   2021
Alexander Rutherford High School Achievement Scholarship ($2,500)   2019

Publications

Automated medical chart review for breast cancer outcomes research: a novel natural language processing extraction system.
Chen, Y., Hao, L., Zou, V.Z., Hollander, Z., Ng, R.T., Isaac, K.V.
BMC Med Res Methodol 22, 136 (2022).

Research Experience

PROOF Centre, UBC
Advisors: Prof. Raymond Ng, Prof. Dr. Kathryn Isaac   Jan. 2021 – May 2021
Undergraduate Research Intern: Applied NLP techniques, Literature Review, Data Curation

Teaching Experience

Systematic Program Design (CPSC 110)   Winter 2022
Average Student Rating: 90%

Systematic Program Design (CPSC 110)   Winter 2021
Average student rating: 90%.

Software Construction (CPSC 210)   Summer 2021
Average student rating: 100%.

Software Construction (CPSC 210)   Winter 2020
Average student rating: 80%.

Industry Experience

Capital One, TIP   New York City, New York

Software Engineering Intern   Summer 2022

Microsoft, Garage   Vancouver, British Columbia
Software Engineering Intern   Summer 2021

Service and outreach   **Wiki Lead and Dry Lab Member, UBC iGEM**   Dec 2022 – Current
UBC iGEM is a design team focussed on applying skills from molecular biology, genetics, computational biology and microbiology to conduct research in synthetic biology.

Director of Marketing and Technology, StarHacks   Sep. 2020 – Jan. 2022
StarHacks is an international non-profit striving to create gender-inclusive spaces in computer science, breaking the stereotype of what it means to be a coder one hackathon at a time.

Director of Marketing, nwPlus   Sep. 2021 – Mar. 2022
nwPlus is a student-led club supporting aspiring programmers and designers, based out of University of British Columbia.

Mentor, connect-f (nwPlus)   Jul. 2020 – Apr. 2021
A mentorship program for girls* in tech designed to pair high school students with university students and new grad mentors.

Talks and tutorials   **Intersections of Technology Panel**   Jan. 2022
StarHacks II

Intro to Technical Interviews   Nov. 2021
HackCamp

Pursuing a Successful Career in CS + Technology   Jul. 2021
Hacking 4 Community

Intro to NLP   Jun. 2021
Hydrangea Hacks

Intro to Git and GitHub   Jun. 2021
Citro Hacks

Computers and Technology Panel   May 2021
Joy to Job

Intro to Git and GitHub and Intro to Python   Jan. 2021
StarHacks I