

Education

University of British Columbia - Okanagan

April 2023

Bachelor of Science: **Major in Computer Science, Minor in Data Science**

Experience

Backend Software Developer @ Ultimate Kronos Group

September 2021 – April 2022

Java, JUnit, Java Spring, Kubernetes, Jenkins, Docker, JIRA

- Collaborated with 2 Agile Development teams on **2** separate projects, working on over **30+** tickets to meet project deadlines and technical requirements.
- Modified code-base structures to implement fixes and ensure backwards compatibility, increasing efficiency of systems by up to **48%%**, and writing up to **750+** lines of code.
- Updated 15+ sub-critical QA Tests on existing codebase to ensure expected software behavior in TDD.

Research & Teaching Assistant @ UBC

July 2020 – April 2023

Java, Python, Excel, Tableau, C

- Worked with 5+ professors to evaluate student's work and assessed the effectiveness of the course.
- Prepared 400+ Java Programs and evaluated throughput to determine effectiveness of teaching methods.
- Delivered several parallel computation programs, enhancing throughput and efficiency by 65%.

Projects

LumberViz

May 2023 - July 2023

Flask, SQLite, HTML, CSS, JS, Postman, Figma

- Constructed a data visualization website as the sole developer, integrating data visualization techniques to present complex lumber datasets in an informative manner.
- Mastered multiple frameworks in a week by developing a robust system that showcased rapid learning and implementation abilities

Rosen Capstone @ UBC

September 2022 - April 2023

Django, DjangoREST, PostgreSQL, NextJS, Docker, Postman, Kanban

- Developed a web-app that provides users with an image classification tool using a pre-trained ML algorithm to enhance work efficiency by up to **73%** on critical systems.
- Operated as a Lead Backend Engineer, whilst communicating with stakeholders to ensure correct behavior of backend Django system.

Canvas Gamification @ UBC

July 2020 - August 2021

Java, JUnit, Python, Django, AngularJS

- Designed and developed a JUnit framework that was used to evaluate peer submitted code.
- Managed a group of peers to develop test cases and coverage, overseeing over **650+** combinations of different Java concepts and questions.
- Developed an academic website's administration portal to equip professors with essential course tools

Awards & Honors

International Collegiate Programming Contest Pacific NW

Regional Site Medalist

International Major Entrance Scholarship

96000 CAD

Deputy Vice-Chancellor Scholarship for International Student

1500 CAD

Outstanding International Student Award

15000 CAD

Skills

Languages & Frameworks

Java, Python, Django, DjangoREST, Flask, HTML, Javascript, CSS, SQL, PostgreSQL, C, CUDA

Tools

GitHub, Git, Docker, Kubernetes, Jenkins, Jira, Postman, Database Administration