

Education

University of British Columbia

Expected Grad: 05/2023

GPA: 3.9

BSc. Cognitive Systems (Computer Science)

Dean's Honour List.

Relevant Courses: Algorithms & Data Structures, Software Construction, Computer Systems.

Experience

Incoming Build Engineer Co-op

Visier

Starting 09/2021 (8 months)

Optimizing codebase compiling and testing through the build system.

Improving processes around development efficiency and extending current CI/CD pipeline with **Jenkins**.

Technologies: Python, Java, Groovy, Scala, Jenkins, Docker, Gradle

Work Learn IT Support/ Web Assistant

University of British Columbia

06/2021 - Present

[CPS Biochemistry](#)

Redesigned and restructured CPS and Biochemistry department webpages to improve overall appearance and SEO.

Managed website content, design and updates for CPS and Biochemistry department.

Technologies: Wordpress

Undergraduate Computer Science Teaching Assistant

University of British Columbia

10/2020 - 04/2021

Taught an introductory functional programming course in **Python**, led labs with 25+ students, graded 600+ lab assignments, and hosted weekly office hours.

Curated and edited 10+ tutorial videos as new course development materials for remote learning.

Technologies: Python, Camtasia

nwHacks Logistics Coordinator

nwPlus

06/2021 - Present

Organized volunteer and organizer logistics, opening and closing ceremonies, food and snacks, and judging and registration.

Crafted hacker experience with workshops, events and activities for 900+ hackers.

Projects

UBC Course Explorer (Oakhacks 2020)

[Github](#)

[Website](#)

Built a school course search web app with **Python** and **Django**, integrating a UBC Grades and RateMyProfessors API to display course, grades and professor information.

Containerized and deployed using **Docker** and **Heroku** and established CI/CD pipeline with **Github Actions**.

Designed and implemented frontend web pages using **Django**, **HTML** and **CSS**.

Achieved first place amongst 40+ teams at Oakhacks 2020.

Technologies: Python, Django, JavaScript, Heroku, Docker, Github Actions, HTML, CSS

Restaurant List (independent project)

[Github](#)

Created an application to help users record and list restaurants utilizing OOP concepts.

Developed desktop application in **Java**, with **SwingUI** GUI.

Aquired 100% code coverage with **JUnit**.

Technologies: Java, SwingUI, JUnit, JSON

Battle To-Do (nwHacks 2021)

[Github](#)

Developed a user authenticated to-do list game web app to encourage online productivity.

Built login system, to-do list, and frontend web pages using **Django**, **HTML** and **CSS**.

Achieved 'Honourable Mention' award amongst 200+ teams at nwHacks 2021.

Technologies: Python, Django, HTML, CSS

Modelling Meteorological Factors of COVID-19 (research project)

[Github](#)

Evaluated the significance of meteorological factors on COVID-19 infection rates in various regions of Canada using linear regression, decision tree regression, and a random forest regressor in **Python**.

Presented project at Multidisciplinary Undergraduate Research Conference (MURC).

Technologies: Python, scikit-learn, Django, MongoDB