

Isaac Chung

Junior - Vancouver, BC, Canada

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[in isaacchung](https://in.isaacchung)

[ichung08](https://github.com/ichung08)

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

Build Engineer Co-op

Visier

09/2021 - Present

Optimizing codebase compiling and testing through the build system with **Java** and **Scala**.

Improving processes around development efficiency and extending the current CI pipeline with **Jenkins** and **Groovy**.

Redesigned a Slack, Bitbucket and Jira notification plugin to more effectively assist developers, improving efficiency by 15%.

Managed development build health in **Jenkins**, notifying developers regarding broken builds, reverting changes and assigning bugs to responsible developers.

Technologies: Java, Groovy, Scala, Jenkins, Docker, Bash, Linux, Bitbucket, Jira

Work Learn IT Support/ Web Assistant

University of British Columbia

06/2021 - 08/2021

[CPS Biochemistry](#)

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

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

Documented and taught WordPress workflow and standard of procedure to colleagues.

Technologies: WordPress, HTML, CSS

Undergraduate 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

ambience

(Hack the North 2021)

[Github](#)

Developed a music player that recommends music based on facial emotion and expression using **JavaScript**, **ReactJS**, and **face-api**.

Integrated a journaling feature using **Firebase**, allowing users to journal their emotions.

Technologies: JavaScript, ReactJS, HTML, CSS, Firebase

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

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 implemented Python Linter 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