

Education

Simon Fraser University

Bachelor of Science in Computing Science (GPA 3.91/4.33)

Burnaby, B.C.

September 2022 – Present

SFU Entrance Scholarship (with Distinction), CSSS Undergraduate Award, Dean's Honour Roll 2023-2024

Technical skills

Languages	JavaScript, TypeScript, Ruby, Python, C, C++, HTML, CSS, x86
Technologies	React.js, Next.js, Ruby on Rails, Angular, Bootstrap, Tailwind, Flask, PostgreSQL
Tools	VS Code, PyCharm, Git, Github, Matlab, Microsoft Office, Microsoft Excel, Docker

Experience

Interactive Experiences Lab

Undergraduate Research Assistant · NSERC USRA

May 2024 – Present

Burnaby, B.C.

- Co-authoring 3 Human-Computer Interaction papers to be submitted for review in September.
- Creating scripts to convert user's "study-habits" into interactive visualizations using **VEGA-Lite**.
- Using **JavaScript** and **Bootstrap** to develop user-interfaces for graduate projects.

Personal Projects

Personal Profile | Next.js, Tailwind, HTML, CSS | [Link](#)

May 2024

- Designed a website using Next.js, Tailwind, and Chakra UI to showcase my personal projects.
- Leveraged NodeMailer to allow users to email me directly through a website form.
- Used the keen-slider library to design an interactive slideshow for my personal life and projects.

Manage Ur Medication (M.U.M) | Python, Flask, PostgreSQL, Next.js, Docker | [Link](#)

January 2024

- Built a website using Python, Flask, and PostgreSQL to assist users with tracking their medication intake.
- Created the user interface and front-end pages with a Next.js framework and Material UI library.
- Containerized front-end, back-end, and database, for easy deployment with Docker

SFU Fitness Tracker | Ruby on Rails, PostgreSQL, HTML, CSS | [Link](#)

September 2023 - November 2023

- Used Ruby on Rails to implement a web application for beginner's fitness tracking.
- Implemented a database for registration, creating goals, and saving exercises to profile with PostgreSQL.
- Developed the UI for home, login, exercise, schedule, and profile pages using HTML, CSS and JavaScript.

Villain Map | Angular, TypeScript, HTML, CSS | [Link](#)

November 2023

- Developed a web app for tracking 'villain' reports, integrating OpenStreetMaps for interactive visualization.
- Used Angular, TypeScript, HTML, CSS, and Leaflet for structure, functionality, and dynamic mapping.
- Stored reports and locations in a NoSQL database via an external API call.

Volunteer Experience

SFU Computing Science Student Society | President

May 2024 – Present

- Organized a 5-day Silicon Valley trip for students to network with SFU alumni at large tech companies.
- Lead the organization of FROSH Week which hosted 9 events, over **60** volunteers, and **300** participants.
- Planning the first extension of CAN-CWIC in British Columbia in collaboration with SFU Women in CS.