

Josie Tran

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EXPERIENCE

Undergraduate Mentor

Sep. 2023 – Apr. 2024

Women in Computing Science (WiCS)

SFU Burnaby, BC

- Collaborated with a co-mentor to host hybrid monthly meetings in order to help 2 first-year students adapt to university life and succeed in their programs

Peer Tutor

May 2023 – Aug. 2023

Department of Computing Science

SFU Burnaby, BC

- Assisted other CS students with coursework and assignments by explaining complex computer science or math-related concepts. Courses helped with: Discrete Mathematics, Introduction to Programming

SKILLS

Languages: Java, C++, C, HTML, CSS, JavaScript, TypeScript

Design Tools: Figma, Canva, Adobe Premiere

Developer Tools: Git, VS Code, IntelliJ, Eclipse, Neovim

Concepts: Data structures, OOD, UCD, SDLC

PROJECTS

My Portfolio | [HTML](#), [CSS](#), [Vanilla Javascript](#), [SwiperJS](#)

Jun. 2024 - Present

- Designing and developing a personal website of myself, aiming to provide good visitor interaction and engagement

SFU Events Discovery and Management Webpage | [Figma](#), [React](#), [ChakraUI](#), [Firebase](#)

Oct. 2023 – Present

SFU Surge Project (season Fall 2023/Spring 2024)

- Designed mock-up screens, implemented mid-fidelity prototype
- Converting prototype to dynamic React components using ChakraUI library for styling, adhering to best practices for clean, maintainable code

Course planner | [Java](#), [Spring Boot](#), [JSON](#), [Postman](#)

Apr. 2024

CMPT213 - Object Oriented Design in Java

- Engineered a robust server-side solution to read and organize extensive course data from a CSV file, implemented RESTful API endpoints for dynamic data interaction with a web-based front-end
- Collaborated with a partner to develop a Spring Boot application using MVC architecture, enhancing team collaboration skills and deepening understanding of Agile development practices

H2OhYeah - Simplified Water Tracking Mobile App UI | [Figma](#)

Oct. 2023 – Nov. 2023

CMPT363 - User Interface Design

- Lead Designer for a team of 5, responsible for creating and designing the base layout, choosing the color palette, typography, drawing the initial skeleton, which helps the team achieve 1st prize among 20+ groups
- Sketched low-fidelity prototypes on paper, and iteratively refined them using user-centered design methods, which were selected as the final design before converting to mid-fidelity wireframe in Figma

Night Crusade Titans Report | [Angular](#)

Nov. 2023

CMPT272 - Web I Client-side Development

- Developed a dynamic and responsive user-friendly report application using the Angular framework and styled the UI with Bootstrap, implemented routing mechanisms to enhance navigation and user experience
- Integrated storage API to efficiently manage and store data, implemented the Leaflet API with OpenStreetMaps to incorporate interactive and visually engaging maps

EDUCATION

Simon Fraser University

Burnaby, BC

Bachelor of Computing Science

Jan. 2022 – Present

Activities: [SystemsHacks 2024](#), [Photovoice project](#)

Relevant courses: Web development (client-side), User Interface Design, Object Oriented Design, Introduction to Software Engineering, Systems Programming, Exploring the Mind, Formal Methods

Honour Roll Award: achieved a GPA of ≥ 3.7 calculated based on 12+ units in Summer 2022 (FIC)