

Lauren Yip

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Excited by sustainable technology for ocean conservation, visual computing, AI, and UI/UX design

EDUCATION

Simon Fraser University

Burnaby, BC

Bachelor of Science in Computer Science

Sept. 2021 – Expected graduation: Spring 2025

Dean's Honour Roll Fall 2023 - TGPA > 3.50 - - Relevant courses: Data Structures and Programming, Intro to Software Engineering, Intro to Programming I & II, Discrete Math I & II, Statistics, UX/UI design, Computational Data Science

WORK EXPERIENCE

Machine Learning Fellow

May 2024 – Present

AI4GOOD Lab

Toronto, ON

- Studying Machine Learning and data science algorithms and techniques including neural networks, generative AI, and deep learning, applying them with a team to building AI projects for social good

Undergraduate Research Assistant

June 2023 – Present

ROSIE Labs, SFU

Burnaby, BC

- Assisted with publication on non-verbal Human-Robot interactions by identifying and analyzing 1099 interactions between participants and virtual agents, producing an informational video and [website](#) using React
- Attended meetings and participated in discussions, introducing new ideas, providing input and observations, and reporting on project progress to manage the project's analysis and data collection

Visual Media Coordinator

December 2023 – Present

Team Phantom, SFU

Burnaby, BC

- Conceptualized and produced visually compelling designs to enhance Team Phantom's image, resulting in increased sponsorship interest and strengthened connections with the student body
- Professional collaboration experience with cross-functional teams in a multidisciplinary environment to translate ideas into impactful campaigns, applied UI/UX principles and heuristics to optimize sponsorship

Server

Oct 2021 – March 2023

Maruhachi Ramen

Coquitlam, BC

- Served food and beverages with a professional attitude, greeted and made seating arrangements for 100+ customers/shift. Coordinated with coworkers, assigned tasks, and communicated effectively with managers to

PROJECTS

Emergency Response BC | JS, HTML, CSS, Python, Flask

nwHacks 2024

- A website that allows you to input your location and view the nearest hospitals and their ER wait times. [Link](#)

Cassava Classifier | Python

May 2024

- Developed a pipelined machine learning solution for Cassava disease classification. Doing data exploration, model selection, and training with CNNs [Link](#) Collaborated to evaluate model performance and deployment challenges.

Personal Website | HTML, CSS, JS

Oct 2023-Dec 2023

- A simple, personalized, handbuilt portfolio site [Link](#)

Friends Book | C++

Sept 2023

- A command-line version of a social network that organizes and manages friend profiles. Refining skills in C++ memory management, efficient algorithms, and object-oriented programming.

SKILLS

Programming Languages: Python, Flask, C/C++, R, Java, MatLab, React

Languages: English, Cantonese

Design Tools: Figma, Adobe Photoshop, Adobe Illustrate, Adobe Premiere, Blender

Personal Interests: Oil painting, drawing, baking, piano, guitar, volleyball, swimming, hiking, snowboarding

REFERENCES

Dr. Angelica Lim

angelica@sfu.ca

Assistant Professor at SFU, Lab Supervisor (Rosie Lab)

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Daniel Park

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Assistant Manager, Supervisor (Maruhachi Ramen)

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