Lauren Yip

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Excited by sustainable technology for ocean conservation, visual computing, 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

WORK EXPERIENCE

Undergraduate Research Assistant — June 2023 – Present
ROSIE Labs, SFU — *Burnaby, BC*
- Assisted with publication on non-verbal Human-Robot interactions by identifying 1099 non-verbal interactions between participants and virtual agents, proofreading and editing paper, producing an informational video
- 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

Teaching Assistant/ Intern — Seasonal - July 2020, 2021
AI4ALL Invent the Future, SFU — *Burnaby, BC*
- Taught students basic Python classification, machine learning, and clustering code techniques in a workshop setting and promoted CS and AI careers and professional opportunities for underrepresented and marginalized groups
- Providing technical support to students on Zoom, leading and presenting social activities related to AI concepts

Server — Oct 2021 – March 2023
Maruhachi Ramen — *Coquitlam, BC*
- Served food and beverages with a professional attitude, greeted and sat guests to tables, overseeing seating arrangements, and optimizing customer flow to enhance the dining experience for over 100 customers daily
- Coordinated with coworkers, assigned tasks, and communicated effectively with managers to develop strategies for handling resources efficiently during rushes, contributing to a streamlined dining environment

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

Personal Website | *HTML, CSS, JS* — Oct 2023-Dec 2023
- A simple, personalized 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, 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 — Assistant Professor at SFU, Lab Supervisor (Rosie Lab)
angelica@sfu.ca — *778-980-6568*