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

WORK EXPERIENCE

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

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*