Lauren Yip

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Education

Simon Fraser University Burnaby, BC

Bachelor of Science in Computer Science *Expected graduation: Spring 2027*

- Relevant courses: Intro to Business Fundamentals, Data Structures and Programming, Intro to Software Engineering, Intro to Programming I & II, Discrete Math I & II & III, Statistics, UX/UI design, Computational Data Science, Affective Computing, Visual Computing
- SFU Clubs and Affiliations: WICS Technical Events Coordinator and Mentor 2024-25, Blueprint AI Engineer 2024, Club Volleyball 2021-22, Shockwave Dragonboat 2025-26, Atelier and Treehouse (Socratica)

Work Experience

Product Manager (Consultant) Oct 2025 – Feb 2026

Simple Ventures *Remote*

- Led market opportunity analysis across international markets to identify viable business models with product-market fit gaps in Canada, synthesizing findings into data-backed go-to-market recommendations.
- Defined product positioning and value proposition for new venture concept, then built and shipped an MVP landing page to validate core hypotheses, establishing metrics framework for measuring early customer demand signals.

Mission Science Apprentice - Terrestrial Snow Mass Mission (TSMM) May 2025 – Aug 2025

Canadian Space Agency *Longueuil, QC*

- Developed a stakeholder database for Canadian Sun-Earth systems contacts, conducted analysis and presentation of TSMM papers to inform mission roadmap and collaboration with Environment & Climate Change Canada.
- Project management for simulation platform operations and TIF images processing to create Canada-wide mosaic imagery, establishing the TSMM initiative and target for CSA, ESA, and NASA researchers

Product Manager May 2025 – Aug 2025

SFU - Special Research Projects (Cradle) *Burnaby, BC*

- Authored detailed PRDs specifying feature requirements and user workflows, conducting qualitative user research with healthcare practitioners to validate product hypotheses and prioritize roadmap decisions based on clinical needs and operational constraints.
- Defined user stories and acceptance criteria for development team, collaborating cross-functionally with engineering on technical scoping and rules engine architecture to balance user requirements with system constraints and implementation feasibility.

IT Cybersecurity Infrastructure and Platforms Intern Sept 2024 – Dec 2024

BC Hydro *Vancouver, BC*

- Ideated, designed, and developed an AI Assistant for cybersecurity infrastructure, utilizing SQL and Python for platform queries and webscraping; ensuring accurate, real-time data and reducing meeting time by 30%.
- Identified feature requirements via interviews, integrating Splunk and Cisco Umbrella to enhance robust security operations, leading to a 40% improvement in threat detection and better access to critical insights.

Projects

PRD+ | *UBC PMC Product Sprint - 1st Place / 20 teams* Mar 2025

- Led product lifecycle for PRD+, a Chrome extension that has an in-built centralized PRD display, AI-assistant, and quick checklist function to ensure best practices in the product requirements documentation process for Telus, reducing PRD-related meeting time by 50%, knowledge search by 75%, and writing time by 25%.
- Conducted comprehensive user research to identify pain points and the problem space, wrote a detailed PRD, created an interactive prototype with Figma, and pitched to a panel of 6 Telus PM judges.

Brig.AI | *Accelerator Award Winner AI4Good Lab* May 2024

- A platform where women can become empowered to self-advocate for proper reproductive healthcare. Used machine learning models Logistic Regression, Adaboost, and Kmeans clustering and Python, Flask, React.js.
- Presented to judges, leading ML researchers, and 200+ attendees. Promoted our project and cause by writing a blog post for AI4GOOD Lab's website.

Skills

Programming Languages, Frameworks, and Libraries: Python, C/C++, R, Java, MatLab, SQL, TypeScript, React, Flask, Splunk SPL, Vue.js, Node.js, JUnit, Pandas, NumPy, Matplotlib, Spark, TensorFlow, ScikitLearn.
Technologies: Git, RESTful APIs, JIRA, Docker.
Design Tools: Figma, Framer, Webflow, Adobe Photoshop, Adobe Illustrator, Adobe Premiere, Blender.
Personal Interests: Painting, reading, writing, piano, guitar, beach volleyball, swimming, hiking, snowboarding.