William Huang

778-984-6358 | wihuang5190@outlook.com | linkedin.com/in/william-huang-569197310
william-h-portfolio-website.vercel.app | github.com/WZH6489

Education

Simon Fraser University & Zhejiang University — Burnaby, BC
Bachelors & Masters Dual Degree Program — *Sep 2025 – Apr 2030 (Expected)*

- **Degrees:** Bachelor of Science in Computing Science (SFU) & Master of Finance in Financial Technology (ZJU).
- **Relevant Coursework:** Calculus I & II, Introduction to Computing Science I & II, Discrete Mathematics I, Business Statistics, Social Issues & Communication Strategies in Computing Science, Heritage Mandarin Chinese III & IV.

Experience

StormForge 2026 Cohort (SFU Surge) — Burnaby, BC
Software Developer Mentee — *Jan 2026 – Apr 2026*

- Collaborated in a team of 4 under the guidance of industry mentors to design and develop **Respite**, an iOS digital wellness application built entirely in **Swift**.
- Engineered core iOS application logic and immersive UI components utilizing **Liquid Glass** visual effects in **Xcode**, integrating **Screen Time**, **HealthKit**, **WeatherKit**, and **Live Activities** for context-aware features.

Senior Robotics Team — Vancouver, BC
3D Designer & Printer — *Sep 2023 – Jun 2025*

- Designed and 3D-printed a **custom mechanical arm and pan mechanism** to optimize the robot's structural integrity and agility, streamlining the assembly process and significantly **reducing hardware failure points**.
- Directed a comprehensive team rebranding by conceptualizing new merchandise and uniform logos, directly contributing to a professional team image that helped secure a **$500+ increase in total funding**.

McDonald's — Vancouver, BC
Part-Time Crew Member — *Mar 2022 – Jun 2025*

- Coordinated with a team of **4–6 cross-functional crew members** during high-volume shifts, rapidly reorganizing struggling stations to serve upwards of **100+ customers per hour** while minimizing wait times.
- Onboarded and trained **3+ new crew members** in standardized food preparation and safety procedures, fostering a versatile team capable of independently operating **both primary kitchen stations**.

Projects

Personal Portfolio Website | *HTML, CSS, JavaScript, Vercel* — Feb 2026 – Present

- Designed, developed, and deployed a **responsive personal web application** to showcase software projects, technical skills, and professional experience.
- Implemented UI/UX best practices ensuring cross-device compatibility, resulting in a **highly intuitive navigation experience**.

SystemHacks 2026: XHacks (Delta) | *HTML, CSS, JavaScript* — Feb 2026

- Developed a **readiness scoring algorithm**, providing targeted documentation links to help bridge the gap between academic theory and professional industry expectations.
- Designed an interactive system that intelligently guided users toward relevant career resources, **streamlining student access** to technical documentation and skill-building platforms.

JourneyHacks 2026: SFU SideQuests | *Figma, UI/UX Design, Canva* — Jan 2026

- Created a fully functional, interactive website prototype aimed at promoting holistic health for university students through **gamified daily challenges and task lists**.
- Delivered a **comprehensive project pitch** to a panel of industry experts, effectively communicating the technical architecture, design philosophy, and user engagement strategy.

Postfix Calculator | *C++* — Nov 2025

- Implemented a C++ postfix calculator using **stack data structures**, enabling fast and efficient equation solutions without traditional order of operations restrictions.
- Developed comprehensive error handling and command functions (clear, print, help, quit), ensuring a stable calculator that achieved a **100% edge-case pass rate** during testing.

Technical Skills

Languages: Swift, C++, JavaScript, HTML/CSS, Lua, Python, Mandarin (Proficient)
Design & Tools: Xcode, Figma, Canva, Blender, Bambu Studio, Git/GitHub, Microsoft Office