Jason Zheng

672-515-5466 | jasonzh@hotmail.ca | linkedin.com/in/jzheng05 | jasonzheng.dev

Relevant Experience

Software Engineering Intern May 2026 – Aug 2026
Super.com *San Francisco, CA*

- Product Team - Incoming Summer 2026

Research Assistant Jan 2026 – Present
UBC Computer Science *Vancouver, BC*

- Working under Professor Robert Xiao and Xincheng Huang on AI-Powered Hyper-realistic Dynamic Telepresence
- Employed AI-powered volumetric rendering techniques such as NeRF and 3D Gaussian Splatting (3DGS)
- Leveraging AI-powered semantic scene understanding and Vision-Language Models (VLMs) to reason about environments, objects, and activities to enable heterogeneous spatial alignment.

Full-Stack Software Developer Intern Sep 2025 – Dec 2026
UBC Faculty of Land and Food Systems *Vancouver, BC*

- Working on a full-stack external Canvas app, built with Django, to save over 10 hours per week for instructors.
- Utilized OAuth and Django's Object-Relational Mapper to allow seamless authentication and login.
- Interacted with the Canvas API to fetch class data, restricting access to instructors, organizing students and updating schedules.
- Deployed tool while continually working with professors to improve features and fix bugs.

Firmware Engineer Intern Jan 2025 – Aug 2025
NETINT Technologies *Burnaby, BC*

- Worked on developing the firmware/software stack for NETINT's flagship Quadra chip, a custom ASIC video transcoding accelerator.
- Developed 15+ unique python test scripts for customers like Netflix, Disney, TikTok, and Apple to simulate custom workflows and enviorments.

Undergraduate Teaching Assistant Sep 2024 – Present
University of British Columbia *Vancouver, BC*

- CPSC 110 (Intro to CS), MATH 100 (Calculus I), MATH 180 (Calculus I)

Education

University of British Columbia Expected April 2028
Bachelor of Science in Computer Science *GPA: 93.2%*

- Y.P. Heung Foundation Award in Science (Valued at $5000, 1 of 6 recipients in entire faculty)
- 2 x Trek Excellence Scholarship (Top 5% of faculty & year)
- Charles and Jane Banks Scholarship

Projects

Post-Trade Dashboard | *TypeScript, React, Tailwind CSS, Python* June 2025 – Present

- Developing a post-trade dashboard to graph returns and visualize portfolio re-balancing based on quant views for UBC Trading Group.
- Worked on implementing the Black-Litterman Model delivered through a custom API endpoint with granular control of start/end dates and re-balancing frequency.
- Utilized React to create a responsive web interface with a polished and interactive UI designed in Tailwind CSS and Figma.

Technical Skills

Languages: Python, Java, C, JavaScript, C++, HTML/CSS, C#, R, Bash
Frameworks: React, Node.js, JUnit, Next.js, Unity, Tailwind CSS, REST APIs, mySQL
Developer Tools: Git, GitHub, VS Code, Jenkins, AWS, Linux
Libraries: NumPy, Matplotlib, Tidyverse, TextBlob