

Zihua Li

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Education	University of California, Santa Cruz Bachelor of Science in Computer Science, minor in Mathematics 3.3 GPA	Sep 2021 - Mar 2025
Career Objective	Persistent in my efforts and undeterred by challenges presented, I usually strive to find the best results rather than shy away from them. My endless curiosity, infectious self-motivation, and collaborative spirit and team building qualities will make me a credible candidate for roles in the tech industry.	
Experience	University of California, Santa Cruz University Catering Staff Driving, food-prep, cleaning, serving, customer service.	Sep 2022 - Mar 2023 Santa Cruz, CA
	University of California, Santa Cruz Notetaker for Disability Resource Center Provide lecture notes to students with disabilities.	Mar 2022 - Jun 2022 Santa Cruz, CA
Projects	Spatio-Temporal Traffic Prediction Model 🔗 https://github.com/lizihuasteven/ucsc-cse-144 Received highest report rating in CSE 144: Applied Machine Learning. Integrating Graph Convolutional Networks and LSTM with Sinusoidal Time Encoding for Enhanced Spatio-Temporal Traffic Volume Prediction. 12 monitoring nodes in Santa Cruz, CA, traffic footages processed using pre-trained CNN model YOLOv8.	Sep 2024 - Dec 2024
Skills	AI / ML Prompt Engineering, Neural Networks, Data Science Computer Architecture / Systems Operating Systems, RISC-V, Digital Circuits, Assembly, Linux Coding C/C++, Python Cryptography PRF/PRG/PRP, Computing on Encrypted Data Web Development Nginx, MySQL, Apache, HTML, CSS Mathematics / Statistics Number Theory, Vector Calculus, Probability Theory, Classical/Bayesian Inference Arts Audition, Photoshop, Premiere Pro, Cubase, Piano, Saxophone, Recording/Mixing, Technical Writing	
Organizations	IEEE	Jan 2022 - Present
	BCS, The Chartered Institute for IT	Sep 2022 - Present
Languages	Mandarin Chinese, English	