Vera Cho

Los Angeles, CA | veracho@ucla.edu | veracho08@gmail.com | (707) 920-5511 | www.linkedin.com/in/vera-cho-2006402b0

Professional Summary

Computer Science and Engineering student at UCLA who builds AI and hardware-based assistive technology for real users and partners, including a chatbot used by 30,000+ students and a stair detection model on NVIDIA Jetson Nano for elderly and visually impaired users. Experienced in client-facing development, training, and organizing events with industry speakers.

Education

UCLA
B.S. Computer Science and Engineering. *Expected 2028*

Solano Community College Fairfield, CA
A.S./A.A. in Computer Science and Interdisciplinary Studies. GPA: 4.0. *2026*

Angelo Rodriguez High School / ECHS Program Fairfield, CA
GPA: 4.59 / 4.0. *2026*

Projects

Stair Detection AI (NVIDIA Capstone)
ML Developer
- Retrained ssd-mobilenet via transfer learning, exported to ONNX, and ran real-time stair detection on NVIDIA Jetson Nano
- Built for elderly and visually impaired users; documented in a public GitHub repo and YouTube walkthrough

CounselorBot Web App September 2023 – Present
Founder and Full-Stack Engineer
- Built a multilingual AI chatbot via OpenAI API for degree plans with UC A-G checks; reached 30,000+ students and counselors
- Worked with a superintendent and principals to integrate it into the school handbook; led QA sessions on accuracy

AI Live Translator November 2022 – Present
Developer
- Built a real-time AI audio translation system for weekly church services, serving 200+ signed users

Experience

Developer Intern January 2024 – January 2026
Century 21 iProperties Hawaii *Remote*
- Built an AI CRM assistant used by 100+ agents (C#, ColdFusion), cutting task time by 40%; managed a 5K+ client/agent database
- Ran biannual CRM training seminars, published an online manual for agents, and trained 3 interns

Coach June 2024 – June 2026
Girls in Robotics Leadership Camp (Solano County Office of Education)
- Taught C, Arduino, and robotics to 200+ students; led leadership training for a 500+ attendee showcase

Facilitator November 2024 – April 2026
Girls Who Code (Solano County Office of Education)
- Designed a Python and ethical AI curriculum; led monthly sessions for approximately 25 middle and high school students

Barista / Cashier & Social Media Manager December 2024 – May 2026
PFD Solano Café and Café Luma
- Co-founded the café's social media (100+ followers in the first month) and trained new staff

Leadership & Outreach

Founder and President September 2023 – June 2026
ECHS Computer Science Club
- Hosted 4 tech equity workshops open to 9K+ students, with speakers from Google and IBM
- Taught Python, JavaScript, and HTML and coached 50+ underserved members to proficiency; led an AI project team

Awards & Certifications

- NVIDIA Certificate in AI and Machine Learning
- VEX Robotics League Finalist and Excellence Awards; Steeplechase Math Competition 3rd Place; Seal of Biliteracy in Spanish

Skills

AI / ML & Hardware: OpenAI API, Machine Learning, Transfer Learning, Neural Networks, NVIDIA Jetson Nano, Arduino
Languages & Tools: Python, JavaScript, C, C#, HTML, CSS, Docker, Git
Spoken Languages: English, Korean, Spanish