

My Lu

Orange County, CA | U.S Citizen | myluwork004@gmail.com | 714-866-6867 | www.mylu004.com
llinkedin.com/my-lu | github.com/MyLu004

Education

California State University, Long Beach Expected Graduation : **May 2026**
B.S in Computer Science | Honor Student (UHP) **GPA: 3.9**
Breakthrough Tech at Cornell Tech, New York **August 2024**
Scholarship: Recipient of 100+ Women Strong, Edison STEM, and BESST Scholarships

Skills

Languages: Python, C++, C#, SQL, JavaScript, React, Angular, OpenGL, HTML, CSS
Tools: Git/Github, Figma, MS Office, Google Drive (docs, sheet, slide), Netlify, Postman, Linux, Vercel, FastAPI
Relevant Course: Calculus 2, Algorithms, Assembly, Data Structure, OOP, Discrete Math, Computer Architecture, Linear Algebra, System Programming, Operating System, Database

Experience

Intern Software Engineer | OnStach, NY Summer 2025

- Developed a full-stack AI chatbot platform using React, FastAPI, and Ollama (LLaMA 3B) with support for multimodal input (text, images, files).
- Integrated LangChain for dynamic tool routing and document summarization, enhancing chatbot capability with vision and search functions.
- Collaborated in an agile team to debug memory handling, optimize model response latency, and implement custom chatbot features.

BESST Tutor | CSULB, Long Beach Sept 2023 – Current

- Assisted students in grasping foundational precalculus concepts essential for mathematics course
- Specialized in tutoring calculus 1 and 2 to tutoring support with course content

Zero Robotics Tutor | CSULB, Long Beach Summer 2023, 2024

- Guiding students to think critically and logically to solve complex problems.
- Effectively explaining technical concepts to middle school students in simple term to ensure comprehension.

Projects

Chatbot Clone github.com/mylu004/chatbot

- Developed a full-stack AI chatbot web application inspired by ChatGPT using React, FastAPI, and Ollama (LLaMA 3B), supporting real-time conversations, model switching, and chat memory.
- Built an extensible backend system capable of processing user queries, maintaining session history, and handling large file inputs with memory-efficient techniques.

Med Assist UCLA Hackathon 2023

- Built MedAssist, a React Native application designed to improve elderly healthcare by providing personalized medication schedules and reminders.
- Tools Used: Gemini, React, ExpoGo, Firebase

Geothera BTT Fall Project Summer 2024 - Fall 2024

- Developed AI-Assisted River Bed Reconstruction Models: Contributed to machine learning models that generate 3D reconstructions of riverbeds using cross-sectional terrain data and satellite imager

Club | Extracurricular Activities

Web Master | **WebLead Hackathon**, Women In Computing, CSULB Fall 2023- Spring 2025

Web Master | **WebLead Hackathon**, AI Club, CSULB Spring 2024- Spring 2025

Competitor | MESA Leadership Event, San Diego Fall 2023