

GEMMA TRUONG

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PERSONAL SUMMARY

Third-year Computer Science student in the process of achieving a bachelor's degree, seeking an opportunity to gain industry exposure and enhance technical skills in software development.

EDUCATION

California State University, Long Beach
B.S in Computer Science

Expected: August 2027
GPA: 4.0

Academic courses:

Data Structure | Algorithms | Discrete Structure | Assembly Programming | Stochastic Computing

PROJECTS

TinyTasks – an ADHD Productivity Assistant

Group Project

Full-Stack Web Application | BeachHacks 9.0 | [Github repo](#)

- Built an end-to-end AI task system converting goals into micro-steps using **Gemini (LLM)** with structured JSON outputs and adaptive nudges
- Built a scalable **FastAPI + React (TypeScript, Vite)** monorepo with shared APIs across web and **Twilio WhatsApp** for real-time, multi-channel interaction
- Implemented **Fetch.ai** agents for event-driven reminders and proactive nudging, designed **MongoDB** data flows for sessions, plans, and chat context
- Deployed production-ready services using **Railway (backend)** and **Vercel (frontend)** with environment-based configuration and CORS handling
- Delivered a fully functional MVP in 24 hours, demonstrating rapid prototyping and strong team collaboration

Dental Website with AI Chatbox | *Flask (Python) | HTML | CSS | JS | SQL*

Personal Project

Full-Stack Web Application | [Github repo](#)

- Developed a full-stack **Flask** application with REST APIs for scheduling, intake, and admin workflows, paired with responsive frontend UI
- Designed and integrated **PostgreSQL/SQLite** schemas for authentication, appointments, and reviews; implemented validation and data handling logic
- Built an **AI chatbot** for real-time user support, integrating external services into backend systems
- Improved reliability via debugging, logging, and **Git-based version control**

EXPERIENCE

Webmaster Intern – Women in Tech Club, CSULB

February 2026 - present

- Maintain and improve the organization's website using **HTML, CSS, and JavaScript**.
- Increase event visibility by regularly updating homepages and announcements.
- Improve **user experience (UX)** and **visual design** to maintain a professional digital presence.
- Independently troubleshoot technical issues, reduce broken links and content errors by monthly audits.
- Manage a key communication platform representing the club to students, faculty, and industry partners.

ACHIEVEMENT & LEADERSHIP

- **President's Honor List**, California State University, Long Beach – Fall 2025
- Selected participant in **SISTERHOOD Program**, a mentorship and leadership development initiative.

TECHNICAL SKILLS

Languages: Python, C++, C, SQL, HTML, CSS, Assembly (MIPS), F#

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, REST APIs, File I/O

Tools: Git, Bash, GitHub, PostgreSQL, SQLite, VSCode, Visual Studio 2022, Linux CLI, Microsoft 365