

Gregory Chang

chang.j.gregory@gmail.com | (949) 677-6541

www.linkedin.com/in/gregjchang

Education

University of California, Davis | Davis, CA

June 2025

Bachelor of Science in Computer Science & Minor in Technology Management

Cumulative GPA: 3.4

Relevant Coursework

- **CS:** Data Structures | Statistical Modeling | Operating Systems | Research in Data Studies | Web Programming | Bash Scripting
- **Tech Management:** Managing & Using Info Tech | Supply Chain Management | Entrepreneurship | Marketing for Tech Enterprise

Experiences

Moober | Aggieworks (Student Club)

October 2024 – Present

Product Manager

- Led end-to-end **agile** development for a UC Davis-exclusive ridesharing & Uber/Lyft splitting platform, driving adoption to **1,000+** users.
- Conducted **40+** user interviews, leveraging SQL-cleaned data to inform feature development including notifications, recurring rides, etc
- Defined and executed a marketing strategy ahead of spring break, resulting in a **500% increase** in website activity
- Engaged **500+ students** via targeted outreach using python scripts to uncover key user pain points, privacy concerns, and opportunities to enhance the user experience

DataLab | Data Science and Informatics Research Lab

November 2023 – September 2024

Research Assistant for Oliver Kreylos (PhD C++ Visualization Researcher)

- Integrated 3D Gaussian Splatting into Linux environment to improve accuracy and clarity of images in VR spaces
- Identified and implemented the correct installation path for Nvidia driver by troubleshooting the Linux environment using Bash scripts

Work Experience

MESA Math, Engineering, Science Achievement Program | Davis, Ca

July 2024 – Present

Software Engineer Mentor

- Led hands-on STEM and engineering activities for **50+** first-generation, underrepresented middle and high school students
- Led hackathon and workshops that taught students how to research, plan, and build websites. Covered core **UI/UX principles**, **prototyping**, and web development using **Figma** and **React**.

AI Humanities Center | Davis, Ca

March 2024 – Jun 2024

Assistant Data Scientist Intern

- Collaborated with PhD mentors and UCD administration at Datalab to clean, manage, and process data using **R**, contributing to the creation of a **4000+** literature corpus for the AI Humanities Center at UCD College of Letters & Science

TOKI | Tokyo, Japan

June 2023 – August 2023

Software Engineer Intern

- Developed an AI chatbot that provides travel itinerary planning assistance using **Flask** and OpenAI's API to improve staff efficiency and leveraged Unsplash's API to generate relevant travel destination images, enhancing user interactions and visual appeal
- Played integral role in web application development and maintenance tasks, ensuring company website remained up-to-date, user-friendly, and responsive, contributing to a **10% increase** in website traffic
- Built financial model to streamline budget tracking by **50%** and financial reporting processes by collaborating cross-functionally with finance and business operations teams, resulting in improved data accuracy and efficiency

Projects

Espresso | CodeLab (Student Club)

October 2023 – June 2024

- Developed flashcard application that combines usability of **Quizlet** and the space repetition algorithm from **Anki** using React with Next.js, Node.js, and PostgreSQL in collaboration with team of developers and designers, enabling users to enhance productivity

Chinese2Pinyin | Personal Project

September 2023

- Integrated Twilio API w/ Python script to automate conversion of Chinese text messages into Pinyin, providing **real-time** transliteration

Olympic Infrastructure Reusability Case Study | School Project (MGT120)

Jan 2023 – Mar 2023

- Tackled the problem of Olympic infrastructure abandonment after the games, creating **90+** pages of data and interviewing Paralympics president about concerns of Olympic infrastructure reusability and presented to board of professional consultants

Skills and Interests

Languages: Python, JavaScript/Typescript, HTML/CSS, Tailwind CSS, R, SQL, Java, C/C++, Bash Scripting | English (native), Mandarin (fluent)

Frameworks: Postgres, Express, React, Node.js, Tailwind, Flask, Langchain

Tools: Notion, Jira, GitHub, Git, Supabase, MongoDB | Linux, Mac OS