

# CHUN-YU WU

Irvine, CA 92604 | (949) 300-8786 | [chunyuw7@uci.edu](mailto:chunyuw7@uci.edu)

[linkedin.com/in/chun-yuwu/](https://linkedin.com/in/chun-yuwu/) | [github.com/TLoE02](https://github.com/TLoE02)

## EDUCATION

**University of California, Irvine**, Irvine, California  
Master of Software Engineering

Sep. 2025 - Dec. 2026

**Feng Chia University**, Taichung, Taiwan  
B.S. in Computer Science

Aug. 2020 - Jun. 2024

**Courses:** Algorithms, Data Structures, Unix Applications and Practices, System Programming, Compiler, Operating Systems, Computer Architecture.

## TECHNICAL SKILLS

**Languages** C/C++, Python, Java, TypeScript, HTML, CSS, JavaScript, SQL

**Frameworks & Tools** Django, Flask, Git, Next.js

## EXPERIENCE

**PETADIRI Leadership & Coaching**, Kuala Lumpur, Malaysia  
*Data Analytics Intern (Remote)*

Jun. 2025 - Jul. 2025

- Assisted in website optimization by migrating all outdated Wix forms to the new Forms builder, launching Google Tag integration to enable accurate conversion tracking.
- Improved Google Ads campaign performance by refining keyword match types and adding high-intent keywords, which resulted in a 76% increase in CTR and reduced irrelevant clicks.
- Prepared a comprehensive 18-month growth strategy, drafted client proposals with presentations.

## PROJECTS

**Anesthesia Patient Educator**

Oct. 24-25, 2025

*Hackathon | Python*

- Designed and implemented RAG (Retrieval-Augmented Generation) Q&A system integrating vector databases, providing privacy-preserving local medical chatbot with automatic categorization.
- Built video audio translation and dubbing pipeline using gTTS library for 7-language voice generation and implemented Video.js player with millisecond-precision audio-video synchronization, supporting real-time language switching.

**Eyewear Website**

Apr. 2025 - Oct. 2025

*Individual Developer | TypeScript*

- Implemented major features including product showcasing, shopping cart functionality, interactive filtering, and optimized layouts for various devices.
- Built admin management system using Next.js, React-admin, and Supabase, enabling efficient product inventory management.
- Designed real-time data synchronization, and streamlined operations through a clear, responsive interface.

**Tracker System**

May 2023 - Dec. 2023

*Graduation Project | Python*

- Developed a CCTV-based tracking system that combines CodeFormer-based super-resolution with FaceNet facial recognition, enhancing image clarity and identity matching accuracy for low-resolution footage.
- Responsible for model integration, system functionality, and intuitive Flask web interface design using HTML, CSS, and JavaScript.
- Implemented real-time video analysis, database overview, and map visualization (Folium) to display suspect locations, deepening understanding of computer vision.