

CHUN-YU WU

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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 Courses: Algorithms, Data Structures, Unix Applications and Practices, System Programming, Compiler, Operating Systems, Computer Architecture.	Aug. 2020 - Jun. 2024

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 <i>Data Analytics Intern (Remote)</i>	Jun. 2025 - Jul. 2025
<ul style="list-style-type: none">Assisted in website optimization by migrating all outdated Wix forms to the new Forms builder, launching Google Tag integration to enable accurate conversion tracking.Improved Google Ads campaign performance by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 <i>Hackathon Python</i>	Oct. 24-25, 2025
<ul style="list-style-type: none">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 <i>Individual Developer TypeScript</i>	Apr. 2025 - Oct. 2025
<ul style="list-style-type: none">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 <i>Graduation Project Python</i>	May 2023 - Dec. 2023
<ul style="list-style-type: none">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.	