

# Hugo (Chun-Ho) Lin

(213) 865-5235 | [chunholi@usc.edu](mailto:chunholi@usc.edu) | [lchooo.com](http://lchooo.com) | [github/lchooo](https://github.com/lchooo) | [in/lchooo](https://www.linkedin.com/in/lchooo)

## EDUCATION

### University of Southern California

Master of Science in Computer Science - Scientists and Engineers

August 2025 - Present

Los Angeles, CA

### National Central University

Bachelor of Science in Atmospheric Sciences

September 2020 - June 2024

Taoyuan, Taiwan

- **Minor specialty:** Programming design in computer science
- **TA:** Linux and Edge Computing, Programming Python, Weather and Artificial Intelligence

## SKILLS

- **Frontend:** TypeScript, Next.js, React, Tailwind CSS, Vite, Vitest, Jest, Turborepo
- **Backend:** Python (Django, FastAPI, Flask), AWS Lambda, Go, Redis, MySQL, Supabase, Firebase
- **DevOps:** AWS, Docker, Git, Linux, GitHub Actions, Azure
- **AI/LLM:** LangChain, TensorFlow, AWS Bedrock, Azure OpenAI, Scikit-learn, Gradio

## INTERNSHIP EXPERIENCE

### Futurenest

R&D Engineer

December 2024 - January 2025

Taipei, Taiwan

- Shipped Django APIs (100% test coverage), containerized via AWS ECR, and documented for external use.
- Created Next.js chat UI with [v0.app](#), and integrated it with the custom API backend

### eCloudValley Digital Technology

Cloud Engineer

March 2024 - May 2024

New Taipei, Taiwan

- Led a 5-member agile team to build a serverless AWS Bedrock solution, earning top internship honors.
- Engineered multi-modal recognition (95% accuracy, 10+ cases) for ticket classification.
- Drove 80% efficiency increase through automated ticket system deployment.

### PEGATRON Corporation

AI Engineer

July 2023 - August 2023

Taipei, Taiwan

- Executed an LLM POC for Smart Manufacturing, earning a Silver internship team award.
- Utilized Prompt Engineering and LangChain to enable speech/text operation on the NVIDIA Omniverse robot.
- Boosted test support by 83% (11 scenarios, 85% stability) in a 5-member Agile team using GitLab.

## PROJECTS

### lchooo.com

Frontend Developer

January 2024 - Present

[github](#) | [website](#) | [video demo](#)

- Developed a Next.js portfolio/blog using React, Tailwind, TypeScript, Supabase, SWR, and MDX.
- Optimized performance to achieve near-perfect Lighthouse scores and gained 300+ GitHub stars.

### ToDAM

Cloud Developer

March 2024 - May 2024

[github](#) | [video demo](#)

- Built a hybrid-cloud ticket system using FastAPI on AWS Lambda and Azure to process 100+ daily tickets.
- Developed cost-effective APIs to streamline categorization/routing; deployed using Docker/AWS ECR and optimized with AWS DynamoDB.

### Online Anonymous Multi-User Message Board

Fullstack Developer

October 2023 - December 2023

[github](#) | [video demo](#)

- Implemented real-time multi-user chatrooms using Go WebSockets with multi-threading and non-blocking sockets.
- Designed the Go socket API and integrated it with a React frontend for a seamless user experience.

## EXTRACURRICULAR ACTIVITIES

### Amazon Web Services

Cloud Ambassador - Technical Support

August 2023 - February 2024

Taipei, Taiwan

- Educated over 700 cloud developers (96% satisfaction) by creating two technical workshops, an open-source project, and a UAD with AWS cloud services. (See [GitHub](#) for source code)