

Hugo (Chun-Ho) Lin

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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:** Guided students in Linux and Edge Computing, Programming Python, and Weather and AI courses.

SKILLS

- **Frontend:** TypeScript, Next.js, React, Tailwind CSS, Vite, Vitest, Jest, Turborepo
- **Backend:** Python (Django, FastAPI, Flask), AWS Lambda, Go, Supabase, Firebase, Redis, Cloudflare R2
- **DevOps:** AWS, Docker, Git, Linux, GitHub Actions, Azure, Vercel
- **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.
- Built Next.js chat and integrated it with a custom backend API for a full-stack solution.

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 95% accurate multi-modal ticket classifier, collaborating with product owners to define requirements.
- Communicated technical requirements and drove 80% efficiency increase through automated ticket system.

PEGATRON Corporation

AI Engineer

July 2023 - August 2023

Taipei, Taiwan

- Developed and presented a Smart Manufacturing LLM POC to the CTO, earning a Silver team award.
- Owned and deployed prompt engineering for NVIDIA Omniverse robot, enabling speech/text communication.
- Collaborated within a 5-member Agile team to boost test support by 83% (11 scenarios, 85% stability).

PROJECTS

1chooo.com

Fullstack Developer

December 2025 - Present

Los Angeles, CA

- Built a Next.js 16 portfolio using RSCs and a Rust-based MDX pipeline for high-performance content rendering.
- Developed a fluid UI with Tailwind 4 and View Transitions, backed by Supabase and Cloudflare R2/CDN.
- Crafted **30+ UI components** specifically designed to optimize the reading experience with minimal interactivity.

[PowLaw](#)

Fullstack Developer

August 2025 - Present

Los Angeles, CA

- Launched and scaled three scalable web services, sustaining a user base of over 5,000 monthly views.
- Established a robust image storage system and admin dashboard using Firebase, driving down expenses by 90%.

[VCard](#)

Frontend Developer

January 2024 - February 2026

Los Angeles, CA

- Architected Next.js portfolio development, strategically selecting React, Tailwind, and Supabase.
- Optimized performance to achieve near-perfect Lighthouse scores and gained 300+ GitHub stars.

EXTRACURRICULAR ACTIVITIES

Amazon Web Services

Cloud Ambassador - Technical Support

August 2023 - February 2024

Taipei, Taiwan

- Developed and delivered two technical workshops for 700+ cloud developers on AWS services (S3, Lambda, EC2, API Gateway, DynamoDB), achieving 96% satisfaction.