Hugo (Chun-Ho) Lin

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EDUCATION

University of Southern California *Aug 2025 - Dec 2027 (Expected)*
Master of Science in Computer Science - Scientists and Engineers Los Angeles, CA

National Central University *Sep 2020 - Jun 2024*
Bachelor of Science in Atmospheric Sciences Taoyuan, Taiwan
   - **Minor specialty:** Programming design in computer science

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

INDUSTRY EXPERIENCE

Futurenest *Jan 2025 - Feb 2025*
Backend Intern Taipei, Taiwan
   - Built system-integrating APIs with Django, deployed via AWS ECR, developed a Next.js chat UI using v0.dev to test the APIs, delivered API docs to clients, and integrated with GitHub Actions for CI/CD.

eCloudValley Digital Technology *Mar 2024 - May 2024*
Cloud Engineer Intern New Taipei, Taiwan
   - Led a 5-member agile team to build a serverless AWS Bedrock solution with multi-language and image recognition support (95% accuracy), boosting support efficiency by 80%; documented 10+ mock cases and earned top internship honors. (See [GitHub](https://github.com) for source code)

PEGATRON Corporation *Jul 2023 - Aug 2023*
AI Engineer Intern Taipei, Taiwan
   - Developed a POC using LLMs and LangChain for the NVIDIA Ominerve robot, enabling voice/text control with 85% stability; boosted test support by 83% and earned Silver internship award in a 5-person agile team.

SELECTED PROJECTS

1chooo.com *Jan 2024 - Present*
Frontend Developer [github](https://github.com) | [website](https://1chooo.com) | [video demo](https://youtube.com)
   - Built a 300+ stars GitHub portfolio/blog with Next.js, Tailwind, and TypeScript; integrated Supabase, SWR, MDX, Motion, and SEO; achieved near-perfect Lighthouse scores and managed with Turborepo.

UML Editor *Mar 2024 - Jun 2024*
Software Architect [github](https://github.com) | [video demo](https://youtube.com)
   - Leveraged the Model–View–Controller (MVC) architecture, implemented a loosely coupled UML editor with the goal of achieving "unchanged underlying logic and continuous expandability in the future"!

Online Anonymous Multi-User Message Board *Oct 2023 - Dec 2023*
Fullstack Developer [github](https://github.com) | [video demo](https://youtube.com)
   - Implemented Web Sockets in Go for real-time multi-user chatrooms using TCP protocol. Achieved multi-threading and non-blocking sockets, integrated socket API with React frontend.

EXTRACURRICULAR ACTIVITIES

Amazon Web Services *Aug 2023 - Feb 2024*
Cloud Ambassador Technical Support 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](https://github.com) for source code)