

Chun-Ho (Hugo) Lin

B.S. in ATM, Minor in CS, NCU | Ex AWS Educate, Pegatron, eCloudValley

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EDUCATION

National Central University

📍 Taoyuan, Taiwan

Bachelor of Science in Atmospheric Science, Minor in Computer Science & Information Engineering Sep. 2020 - Jun. 2024

- **Ph.D.-level Courses:** The Attack and Defense of Computers, Object-Oriented Analysis and Design.
- **B.S.-level Courses:** Software Engineering, Principles of Programming Languages, Assembly Language and System Programming, Operating System, Computer Network, Algorithmics, Data Structures, Digital Design.
- **TA:** Linux and Edge Computing, Programming Python, Weather and Artificial Intelligence.

PROFESSIONAL EXPERIENCE

eCloudvalley Digital Technology

📍 New Taipei, Taiwan

Cloud Engineer Intern

Mar. 2024 - May. 2024

- **Led a team of 5** to enhance the existing ticket system with Claude, boosting **cloud support engineer efficiency by 80%**. Integrated **multi-language** support and **image recognition**, achieving **95%** accuracy.
- Utilized a serverless architecture on **AWS Lambda**, performing **troubleshooting with CloudWatch**, deployed via **AWS CDK**, and integrated with **DynamoDB and Bedrock** services.
- Identified issues in **10+** mock-cases, like **VPC entry failures, EC2 Apache Server restarts, and S3 photo access problems**. Documented solutions in a [Tech Note](#) for sharing with interns.

Amazon Web Services

📍 Taipei, Taiwan

Cloud Ambassador Technical Support

Aug. 2023 - Feb. 2024

- Educated **700+** cloud developers and achieved **96%** of user satisfaction by publishing and lecturing **2+ technical workshops, 1 UAD** on AWS cloud computing services (**Lex, Amazon S3, Lambda, API Gateway**).
- **Developed an open-source** project called "**AWS 101 LINE Bot**" designed for integration with **AWS 101**.

PEGATRON Corporation

📍 Taipei, Taiwan

Software Engineer Intern

Jul. 2023 - Aug. 2023

- Collaborated with a team of **5**, utilizing **Git**, a **CI/CD pipeline**, and following an *agile Scrum workflow*.
- Implemented **Prompt Engineering** and **LangChain** for the **NVIDIA Ominerve visual robot**, enabling seamless speech/text operation, boosting test support by **83%** across **6-11** scenarios with **85%** stability.
- Executed a **Proof of Concept (POC)**, transitioning the LLM model to a **Web Application** leveraging **Gradio**, the premier UI toolkit for the **FastAPI** framework. Demonstrated at the [2024 Nvidia GTC](#).

National Central University

📍 Taoyuan, Taiwan

Website Developer

Jul. 2022 - Jan. 2023

- Partnered with a team of **2** to develop a *multi-user score management system* for the **Center for Teacher Education**, reducing credit exemption processing time by **80%** and remotely maintaining the server via **SSH**.

SELECTED PROJECTS

Refinaid: Bridging the Gap with AI For Everyone

Aug. 2023 - present

Founder / Fullstack Developer

[🔗 SIMPLE AI](#) | [🔗 Chatger](#)

- Built 2 low-code platforms, **SIMPLE-AI** and **Chatger**, while serving as a TA for 3 courses, offering a *no-code interface* for training AI/ML/DL models and a *coding platform* for homework submissions with **ChatGPT** assistance.

lchooo.com: A Monorepo of Personal Website and Blog

Jan. 2024 - present

Frontend Developer

[🌐 lchooo.com](https://lchooo.com) | [🖥 Website](#)

- Converted HTML/CSS template to **React** components, integrated with **Next.js Turborepo**, and tested with **Jest**.

Mini Lisp interpreter

Oct. 2023 - Jan. 2024

Compiler Engineer

[🔗 Mini Lisp](#) | [🖥 Docs](#)

- Crafted a **Mini Lisp Interpreter** using **C** and **YACC** to parse and evaluate if expressions, variable definitions, numerical operations, nested functions, type checking, and recursion in Lisp.

AWARDS & LEADERSHIP

Second Place & Sustainability Special Award, 2023 Weather Hackathon

May. 2023 - Aug. 2023

Founder / Backend Developer

[🔗 Weather Shakespeare](#) | [🖥 Blog](#)

- Directed a team of 5 to develop a **Carbon Footprint Platform** for concurrent **100+** users. Achieved **95%** recyclable identification from **6000+** images and integrated user feedback for model **fine tuning**.

NCUFresh: Provide freshmen a preview of diverse university life!

Dec. 2021 - Jul. 2022

Frontend Developer

[🔗 NCU Fresh](#) | [🖥 Website](#)

- Curated **50+** articles across various themes including fun, talk, life, and storytelling for the blog page, **integrated the Notion API with Vue.js**, and achieved an average of **1,000+** views per article within the first month.