

Chun-Ho Lin

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

[🔗 Code^{\[1\]}](#) / [🔗 Code^{\[2\]}](#)

Founder / Fullstack Developer

Aug. 2023 - present*

- Built 2 low-code platforms, SIMPLE-AI^[1] and Chatger^[2], 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 LLM assistance.

1chooo.com: A Monorepo of Personal Website and Blog

[🔗 Code](#) / [📖 Docs](#) / [🖥 Demo](#)

Frontend Developer

Jan. 2024 - present*

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

Lisp interpreter

[🔗 Code](#) / [📖 Docs](#)

Compiler Engineer

Oct. 2023 - Jan. 2024

- Crafted a 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

[🔗 Code](#) / [📖 Blog](#)

Founder / Backend Developer

May. 2023 - Aug. 2023

- 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!

[🔗 Code](#) / [📖 Demo](#)

Frontend Developer

Dec. 2021 - Jul. 2022

- 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.