

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

- **Graduate-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.

TECHNICAL SKILLS

- Programmings: Python (primary), C++/C, Java, Go, TypeScript, JavaScript, X86 Assembly, \LaTeX
- DevOps: AWS, Docker, Git, Bash, Shell Scripts, GitHub Actions, Vercel, MySQL, Redis
- ML/DL: LangChain, TensorFlow, Scikit-learn, Keras, Numpy, Pandas

PROFESSIONAL EXPERIENCE

eCloudValley Digital Technology

📍 New Taipei, Taiwan

Cloud Engineer Intern

Mar. 2024 - May. 2024

- Team leadership enhanced issue pools with LLM, boosting cloud support efficiency by 80% through multi-language support and 95% accurate image recognition. Recognized as top-performing internship team.
- Utilized a serverless architecture on AWS Lambda, performing troubleshooting with CloudWatch, deployed via AWS CDK, and integrated with DynamoDB and Bedrock services.
- Documented issues in 10+ mock cases, such as VPC entry failures, EC2 Apache server restarts, and S3 photo access problems, and provided detailed solutions for interns. Refer [here](#) for a comprehensive list.

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

- Executed a POC, adapting an LLM model for Smart Manufacturing, and was awarded Silver internship team.
- 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.

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

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

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[🐙 Code](#) / [📖 Docs](#) / [🖥 Demo](#) Jan. 2024 - present*

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

Lisp interpreter

[🐙 Code](#) / [📖 Docs](#) 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

- Top-Performing Internship Team, eCloudValley Digital Technology Mar. 2024 - May. 2024
- Silver Internship Team, PEGATRON Corporation Jul. 2023 - Aug. 2023
- Second Place & Sustainability Special Award, 2023 Weather Hackathon May. 2023 - Aug. 2023
- Basketball Team Co-captain, Dept. ATM, NCU Aug. 2022 - Aug. 2023
- Frontend Team Member, NCUFresh Dec. 2021 - Jul. 2022