

Chun-Yen Pan

[Mail](#) | [Linkedin](#) | [Github](#)

SUMMARY OF QUALIFICATIONS

- Proficient in programming languages including Python, JavaScript, TypeScript, C/C++ and SQL.
- Experience in LLM development, full-stack web development, Chatbot development, Github flow, Docker compose and AWS cloud deployment.
- Proven project development and teamwork skills, with awards in AI-related competitions.
- Active participation in community leadership and organizational roles.

EDUCATION

National Cheng Kung University

September 2021 – June 2025

Bachelor of Computer Science and Information Engineering

Tainan, Taiwan

- GPA: 3.92 / 4.3
- Intelligent System & Media Processing Lab.(ISMP Lab)
- Core member of Google Developer Group on Campus (September 2024 – Present):
 - * Led a team to develop a university-specific ChatBot using LLMs, addressing campus-related inquiries with a focus on course selection and student services.
- Contribution of lab0-c: Check if sorting implementation is stable
- A+ in machine learning, compiler and data structure

EXPERIENCE

AI / Full-Stack Intern

July 2024 – Present

AI Next Mine (Remote)

Taichung, Taiwan

- Developed LLM workflows using Dify and Langflow to enhance data retrieval and content generation for an AI sustainability (ESG) reporting assistant.
- Maintained and deployed client applications on AWS using Docker Compose, addressing **over 10** reported bugs and implementing **15** new features across front-end (Next.js) and back-end (FastAPI, Flask) systems within a **3-month** period.
- Participated in the **AI+ Innovator Selection Contest**: ESG and AI-related applications, including developing a green energy trading platform for Tatung World Technology.
- Developed an LLM-based LINE Bot for Kaohsiung Music Center, enhancing user interaction and improving information accessibility for exhibitions, reaching over **100** users and earning an **Honorable Mention** in the **Go Digital Contest** among **200** competing teams.

Undergraduate Research Assistant ISMP Lab

July 2023 – June 2024

National Cheng Kung University

Tainan, Taiwan

- **Developed an AI-Powered Learning Platform with Chatbot Integration** to enhance student learning experiences.
- Integrated automated video summarization and tutoring ChatBots to provide interactive learning support.
- Implemented RAG techniques to provide keyword-based video summaries and timestamped content highlights for efficient search and review.
- Fine-tuned 2 LLM models using Vicuna and Alpaca-LoRA: one for junior high civics curriculum and another for junior high biology curriculum, enhancing question-answering accuracy and content summarization performance.
- Optimized system scalability and efficiency using Python and FastAPI.

AWARDS & RECOGNITION

First Place Winner, iThome Ironman Contest 2024

September 2024

iThome

Online

- Awarded for the 30-day series, **"Python 新手的 AI 之旅：從零開始打造屬於你的 AI / LLM 應用"**, demonstrating technical skills in AI/LLM development.
- Authored a comprehensive guide on building AI/LLM-based applications using Python, sharing knowledge and insights with the wider community. See series here: [Link](#)