

Ting-Wei Chou

📞 +886 966523230

✉️ chou.ting.wei@outlook.com

👤 gainsborou

linkedin Ting-Wei Chou

EDUCATION

- **National Yang Ming Chiao Tung University**

Bachelor of Science in Computer Science

2023 - 2027 (Expected)

GPA: 4.25, Ranking: 6/194

EXPERIENCE

- **NYCU CS Information Technology Center**

Net, Mail, PC, HPC Team Member

July 2024 - Present

- Administered and maintained multi-floor network infrastructure with Cisco, Juniper, and EdgeCore switches.
- Maintained and optimized the department mail servers using Postfix and Dovecot, serving 10K+ accounts.
- Maintained and deployed computer lab infrastructure with Proxmox VE and VyOS for network management.
- Managed and optimized HPC cluster using Slurm for GPU workload scheduling and resource allocation.

- **NYCU Center for Institutional Research and Data Analytics**

Software Developer

October 2025 - Present

- Maintained and enhanced the NYCU Chatbot (LINE bot) backend.
- Designed and implemented the Sustainable Development Goals (SDGs) Search web platform.

- **NYCU Computer Architecture System Lab**

Research Assistant

July 2024 - Present

- Advisor: Prof. Tsung-Tai Yeh
- Research Topic: Designing a Bit-Serial RISC-V DNN Accelerator for Ultra-Low-Bit LLM Inference

PROJECTS

- **NYCU CS Past Exams**

June 2025 - Present

A platform providing archived NYCU Computer Science exams and solutions for efficient exam preparation

- Designed, built, and deployed a full-stack exam archive platform serving 1.7K+ users and 5K+ downloads.
- Implemented CI/CD pipelines with lint, unit & e2e tests, build, and deploy for consistent quality and reliability.

- **GDSC Frontend Training Program**

Comprehensive frontend development educational platform

- Created and organized the frontend curriculum covering HTML, CSS, JavaScript, and React.
- Designed and built exercises to boost student engagement and learning results.

ACHIEVEMENTS

- **Academic Achievements Awards**

Spring 2024

- **Foundation Academic Course Award** Digital Circuit Design, Computer Organization

Spring 2024

- **Bronze Award** The 2023 ICPC Asia Taoyuan Regional Programming Contest

October 2023

EXTRACURRICULAR ACTIVITIES

- **Teaching Assistant** CCNA, NASA, Computer Organization

February 2025 - Present

- **Development Team Leader** Meichu Hackathon

November 2024 - October 2025

- **Frontend Training Program Mentor** NYCU Google Developer Groups

September 2024 - June 2025

TECHNICAL SKILLS

- **Programming Languages**

C, C++, Java, JavaScript, PHP, Python, Shell Scripting, SQL, Verilog

- **Frameworks**

FastAPI, Flask, Next.js, Tailwind CSS, Vue.js

- **Tools**

Docker, Git, Hugo, LaTeX, Makefile, Markdown, Nginx