

Ting-Wei Chou

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gainsborouo
Ting-Wei Chou

EDUCATION

- National Yang Ming Chiao Tung University** 2023 - 2027 (Expected)
Bachelor of Science in Computer Science GPA: 4.25, Ranking: 6/194

EXPERIENCE

- NYCU CS Information Technology Center** July 2024 - Present
Net, Mail, PC, HPC Team Member
 - 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** October 2025 - Present
Software Developer
 - 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** July 2024 - Present
Research Assistant
 - 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