

# Ting-Wei Chou

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## 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** Jul 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** Oct 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** Jul 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** Jun 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** Jun 2025 - Present  
*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

- **NSTC University Student Research Project** Awarded research grant (Taiwan) Jul 2025 – Feb 2026
- **Department Research Project Competitions Award** Honorable Mention Jul 2025
- **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 Oct 2023

## EXTRACURRICULAR ACTIVITIES

- **Teaching Assistant** CCNA, NASA, Computer Organization Feb 2025 - Present
- **Development Team Leader** Meichu Hackathon Nov 2024 - Oct 2025
- **Frontend Training Program Mentor** NYCU Google Developer Groups Sep 2024 - Jun 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*