

Ting-Wei Chou

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gainsborouo  
Ting-Wei Chou

EDUCATION

- National Yang Ming Chiao Tung University2023 - 2027 (Expected)  
Bachelor of Science in Computer ScienceGPA: 4.25, Ranking: 2/192

EXPERIENCE

- NYCU CS Information Technology CenterJuly 2024 - Present  
Net Team Member, Teaching Assistant
  - Managed colocation data center operations, including regular equipment maintenance and cable organization.
  - Administered and maintained multi-floor network infrastructure with Cisco, Juniper, and EdgeCore switches.
  - Developed CCNA course materials, covering VLAN, STP, and hands-on projects using Cisco Packet Tracer.

PROJECTS

- Pain Interaction System  
A platform for managing and recording pain data effectively
  - Developed a full-stack web application using React for the frontend, Vite for builds, and NestJS for the backend.
  - Built CI/CD pipelines to automate deployment from GitHub repositories to Docker Hub images.
  - Utilized Docker for containerization and MySQL for reliable data storage and management.
- Personal Profile  
A central hub for personal websites, projects, and contact details
  - Developed the website using Next.js, and deployed it to Vercel for scalable hosting.
  - Configured DNS settings for the custom domain userwei.com and implemented effective SEO strategies.
  - Monitored website traffic using Google Search Console and Analytics to optimize performance.
- GDSC Frontend Training Program  
Comprehensive Frontend Development Educational Platform
  - Set up and launched the course website on GitHub Pages using CI/CD pipelines.
  - 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 AwardsSpring 2024
- Foundation Academic Course Award Digital Circuit Design, Computer OrganizationSpring 2024
- Bronze Award The 2023 ICPC Asia Taoyuan Regional Programming ContestOctober 2023

EXTRACURRICULAR ACTIVITIES

- Development Team Leader Meichu HackathonNovember 2024 - Present
- Core Team Member (Technical Team) NYCU Google Developer GroupsSeptember 2024 - Present
- Development Team Member NYCU CS Student AssociationJune 2024 - Present

TECHNICAL SKILLS

- Programming Languages  
C, C++, Java, JavaScript, PHP, Python, Shell Scripting, SQL, Verilog
- Frameworks  
Bootstrap, FastAPI, Flask, Next.js, Tailwind CSS, Vue
- Tools  
Docker, Git, Hugo, LaTeX, Makefile, Markdown, React