Ting-Wei Chou

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in Ting-Wei Chou

EDUCATION

- **National Yang Ming Chiao Tung University** *2023 - 2027 (Expected)*
  Bachelor of Science in Computer Science GPA: 4.25, Ranking: 2/192

EXPERIENCE

- **NYCU CS Information Technology Center** *July 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 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

- **Development Team Leader** Meichu Hackathon *November 2024 - Present*
- **Core Team Member (Technical Team)** NYCU Google Developer Groups *September 2024 - Present*
- **Development Team Member** NYCU CS Student Association *June 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