You-Cheng Hu

Software Engineer

Taipei, Taiwan

📞 (+886) 973-588-322 ✉ hypersoweak@gmail.com ⓞ HyperSoWeak in You-Cheng Hu

Education

National Taiwan University   B.S. in Computer Science and Information Engineering

Junior student · Cumulative GPA: 4.11/4.3   Sep 2023 – Present

- Coursework: Data Structures and Algorithms, Operating Systems, Machine Learning, Computer Graphics, Computer Security.

Experience

NTU CSIE Council · Frontend Developer & Project Maintainer   Taipei, Taiwan

Developed the NTU CSIE Council website frontend, serving departmental services and resources.   Apr 2024 – Present

- Built homepage and course archive system with responsive design and search
- Improved user experience with smooth animations and collaborated with backend developers for API integration
- Currently maintain the project, coordinating feature planning and development

Challenge 2025 · Game Developer & Project Lead   Taipei, Taiwan

Led a 15+ member team to build an educational game for NTU CSIE Information Camp with Godot.   May 2025 – Jul 2025

- Implemented gameplay, UI systems, and event flow in Godot
- Designed APIs for students to control game characters using code, reinforcing programming concepts
- Established Git workflow and CI to ensure code quality and collaboration

Teaching Assistant · Data Structures and Algorithms   NTU CSIE

Supported teaching of data structures and algorithms; designed assignments and verified exams.   Mar 2025 – Jun 2025

- Guided students through activities and problem-solving during office hours
- Collaborated with professors and fellow TAs to design assignments and verify exam problems

Projects

OwoJudge · Online Judge System   Taipei, Taiwan

Full-stack developer of an online judge system.   Jun 2025 - Present

- Designed and implemented problem rendering, submission handling, and ranking features
- Planned deployment for NTU's Data Structures and Algorithms course

Course Registration Website for Cram School   Taipei, Taiwan

Built a private course registration system for a cram school.   Mar 2024

- Built system for parents to select courses, transport, and meals
- Auto-generated schedules and provided admin dashboard for adjustments

Skills

Programming & Tools

- Languages: C/C++, Python, TypeScript, Java
- Web Development & Systems: React/Next.js, Express, MongoDB, Docker, Linux, Git, GitHub Actions
- Graphics & Game Dev: Godot 4, Unity, WebGL, GLSL

Activities

Academic Director · NTU CSIE Council   Taipei, Taiwan

Organized freshmen ICPC contests, ran technical workshops, and maintained the student council website.   Aug 2025 – Present