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EDUCATION

NATIONAL TAIWAN UNIVERSITY – 2021-EXPECTED 2025

Bachelor of Science in Computer Science and Information Engineering & Finance

- **Dean's List Award:** 1st Place in 2021 Fall (GPA: 4.3/4.3)
- **Programming Coursework:** Data structure & Algorithms, Algorithm Design & Analysis, Network / System Administration, Web Programming, System Programming

EXPERIENCE

BACKEND ENGINEER – NOV 2022-PRESENT

National Taiwan University, Office of Academic Affairs

A redesigned course planning web service for students at National Taiwan University

- Assisted over 5000 students in course planning with an intuitive user experience
- Reduced data complexity by refactoring the Prisma schema and migrating to a Postgres database
- Improved information security by implementing JWT authorization with an SSO service
- Preparing to become the official course information website of National Taiwan University

MEMBER OF WEB GROUP – SEP 2022-PRESENT

System Administration Team of NTU CSIE department

- Taking courses and launch a web development related project (Proxmox VE High Availability)
- In charge of maintaining the KVM, reverse proxy... of our department

PROJECTS

NTU RELIEF 🌐

A website for helping people who have similar emotional problems to ask

- In charge of full stack, which was mainly developed with JavaScript
- Designed frontend interface using Material Design to provide user-friendly interface
- Defined RESTful API specification and deployed with Docker

SYSTEM PROGRAMMING RELATED PROJECTS 🌐

- Implemented system programming by socket communication, pipe / fifo, signal handling, and multiprocessing / multithread skills with C

VOLUNTEERING & ACTIVITIES

NTU INTERNATIONAL STUDENT VOLUNTEER

- Assisted international student to get familiar with campus affairs

NTU POP DANCE CLUB – MEDIA GROUP LEADER

- Led 10 staffs to take photos and create videos of presentation

SKILLS & LANGUAGES

- **Programmin Languages:** C / C++, Python, HTML, CSS, JavaScript, TypeScript
- **Web App Development:** Linux, Git, Docker, K8s, React, Express, GraphQL, PostgreSQL, MongoDB
- **Languages:** Taiwanese Mandarin (Native), English (Fluent | TOEIC: 910)