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# Chia-Wei (Eric) Lin

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## EDUCATION

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### 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

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## EXPERIENCE

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### BACKEND ENGINEER INTERN – 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 about to launch a web development related project
- In charge of maintaining the KVM, reverse proxy... of our department

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## PROJECTS

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### 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

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## VOLUNTEERING & ACTIVITIES

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### 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

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## SKILLS & LANGUAGES

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- **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)