

# Chia-Wei (Eric) Lin

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## EDUCATION

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### National Taiwan University

*Double Major in Computer Science and Finance*

Taipei, Taiwan

2021 – Expected 2025

- 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, Introduction of FinTech

## EXPERIENCE

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### WorldQuant

*WorldQuant BRAIN Consultant*

Jun 2023 – Present

- Submitted alphas to BRAIN platform, which needs to pass quality tests such as Sharpe, Turnover, Fitness and Self Correlation test

### NTU, Office of Academic Affairs

*Backend Engineer Intern, Computer Information Management Division*

Nov 2022 – Present

- 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

### NTU CSIE, System Administration Team

*Team Leader, Web Services Division*

Sep 2022 – Present

- 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

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### NTU Relief

*JavaScript, Node.js, Docker*

Oct 2022 – Feb 2023

- 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

*C programming*

Sep 2022 – Jan 2023

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

## COMPETITIONS

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### International Quant Championship 2023

*Rank: World Top 2%*

Mar 2023 - Jun 2023

- Construct alphas by using market historical data and pre-defined operators to simulate stock on online simulated backtesting platform

### Ready Trader Go

*Optiver student trading challenge*

Mar 2023

- Built and optimised a trading algorithm for Optiver's simulated market exchange

## TECHNICAL SKILLS

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