

Chia-Wei (Eric) Lin

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EDUCATION

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, System Programming, Introduction of FinTech, Machine Learning

EXPERIENCE

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

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

Selection Camp of Asian Pacific Mathematics Olympiad

Rank: Taiwan 7th

Jan 2019

- Qualified for participation in APMO

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

TECHNICAL SKILLS

- **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)