Chia-Wei (Eric) Lin

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EDUCATION

National Taiwan University — Taipei, Taiwan
Double Major in Computer Science and Finance — *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

WorldQuant — Jun 2023 – Present
WorldQuant BRAIN Consultant
- 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 — Nov 2022 – Present
Backend Engineer Intern, Computer Information Management Division
- 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 — Sep 2022 – Present
Team Leader, Web Services Division
- 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 — Oct 2022 – Feb 2023
JavaScript, Node.js, Docker
- 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 — Sep 2022 – Jan 2023
C programming
- Implemented system programming by socket communication, pipe / fifo, signal handling, and multiprocess / multithread skills with C

COMPETITIONS

Selection Camp of Asian Pacific Mathematics Olympiad — Jan 2019
Rank: Taiwan 7th
- Qualified for participation in APMO

International Quant Championship 2023 — Mar 2023 - Jun 2023
Rank: World Top 2%
- 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)