YUN-CHEN LEE

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EDUCATION

National Taiwan University (NTU)

Bachelor of Business Administration in Information Management   Sep. 2020－Jun. 2024

- Major GPA: 4.22/4.3; Overall GPA: 4.11/4.3
- Dean's List (top 5% in class): Spring 2024
- Related Courses: Data Structures and Advanced Program Design, Algorithms, Operating System, Cloud Native Application Development (CNAD), Systems Analysis and Design (SAD)

WORK EXPERIENCE

Frontend Software Engineer Intern, Appier Inc.   Jan. 2024－Current

- Developed a "product tour" feature for a personalized marketing platform with React.js, improving client usability with guided navigation, retaining 14 clients, and generating USD 12,000 in revenue.
- Optimized the CI process by developing a CLI tool to streamline Yarn package deduplication, achieving a 65% reduction in build time and significantly enhancing team productivity and responsiveness.
- Implemented targeted solutions to address user behavior anomalies identified through Datadog, resolving race conditions and reducing error rates by 90%, preventing interface rendering abnormalities.

Frontend Software Engineer Intern, Crescendo Lab Inc.   Jul. 2023－Jan. 2024

- Engineered a LINE message push notification system using the LINE Front-end Framework (LIFF) and Vue.js, which increased user engagement by 30% and message delivery efficiency by 25%.
- Collaborated with a 10-member team of data engineers, product designers, and infrastructure specialists to optimize multilingual functionality across 5 countries and streamline workflows using Scrum methodology.

GROUP PROJECTS   more in my *portfolio*

Frontend Software Engineering Leader, Jöinee－CNAD Final Project   Sep. 2023－Dec. 2023

- Integrated Google API for geolocation-based court searches into a two-sided platform connecting sports venue providers with users, optimizing query response time by 40% through enhanced system efficiency.

Frontend Software Engineer & Designer, Logoshot－Bachelor's Capstone Project   Jul. 2023－Dec. 2023

- Designed, developed, and deployed a mobile app for trademark identification with React Native and Expo SDK, reducing navigation time by 40% and receiving positive feedback from 90% of test users.

Business & System Analyst, FoodiTrack－SAD Final Project   Mar. 2023－Jun. 2023

- Systematized inventory management for a food retailer by defining detailed requirements for real-time updates and predictive analytics, reducing discrepancy by 20% and reinforcing 30% fulfillment efficiency.

Frontend Software Engineer, Comebuy－Academia-Industry Collaboration   Jan. 2023－Oct. 2023

- Established a web dashboard with interactive analytical graphics using Recharts.js and Framer Motion to tackle manual data processing inefficiencies, saving USD 30,000 and improving user engagement.

EXTRACURRICULARS

System Analyst & Software Engineer, NTU Office of Academic Affairs   Sep. 2023－Current

- Conceptualized and implemented algorithms with Express.js and Polars.py to optimize campus-wide course-student allocation, strictly processing 300 million data instances with 100% accuracy and validity.

System Engineer, National Secondary School Programming Contest 2024   May 2024－Sep. 2024

- Supervised grading system availability of 750 contestants in the preliminary and 180 in the final round.

VOLUNTEER WORK AND LEADERSHIP

Chairman & Assistant, Programming Education Voluntary Camp   Sep. 2022－Current

- Direct 30 collegial assistants to organize educational lecture content and manage administrative tasks.
- Tutored and lectured in this decade-old NTU-affiliated camp, biannually teaching programming to 50+ underprivileged students in rural areas, bridging gaps in computer science and information education.