CYUN-KAI (EDDIE) LIN

📞 +1 (412) 726-4525 ✉ eddielin0926@gmail.com 🔗 linkedin.com/in/cyun-kai-lin 🐙 github.com/eddielin0926

Education

Carnegie Mellon University   **May. 2024 – Dec. 2025**
M.S. in Information Networking — GPA: 3.91   *Pittsburgh, PA, USA*
Coursework: Distributed Systems, Networking and the Internet, Advance Cloud Computing, Database Systems

National Cheng Kung University   **Sep. 2019 – June 2023**
B.S. in Computer Science and Information Engineering — GPA: 3.98   *Tainan City, Taiwan*
Coursework: Software Design, Linux Kernel Internals, Computer System and Network Administration

Experience

Appier   **Mar. 2024 – Aug. 2024**
Frontend Engineer   *Taipei City, Taiwan*
- Developed scalable React components as part of a larger design system, prioritizing reusability and maintainability.
- Automated updates for internationalization translations from Lokalise, reducing manual code changes.
- Enhanced GitHub Actions for Google Cloud Storage by optimizing file parsing, accelerating our deployment speed.
- Implemented End-to-End testing with Playwright and deployed coverage reports to GCS, linking them in pull requests.

Microsoft   **July 2022 – Dec. 2023**
Research and Development Intern   *Taipei City, Taiwan*
- Developed a ROS package enabling low-latency SignalR connections between HoloLens2 and real-time robot interaction.
- Presented a robotic arm remote control system in mixed reality at Microsoft DevDays Asia 2022.
- Created MR use cases with Azure Digital Twin to improve remote control and monitoring experiences.
- Engineered a project with NVIDIA Omniverse to simulate and monitor real-time robot movements and status.

National Cheng Kung University   **Mar. 2023 – Dec. 2023**
Research Assistant   *Tainan City, Taiwan*
- Collaborated with Ministry of Health and Welfare (Taiwan) to set up the classification system for death causes.
- Achieved 91% accuracy in selecting suitable diseases from 40k International Classification of Diseases (ICD)

Projects

AInimal | *React Native, Express, Docker*   **Dec. 2021**
- Worked on developing a dating app, which utilize deep learning model to match users by their personality.
- Contributed to developing a dating app boasting 10,000 active users and over 600,000 messages.
- Developed three major update features for the dating app, resulting in a 4,000-user increase in one year.
- Maintained over 100 backend unit tests, including database operation and API functionality tests.

Kaggle Plus | *Typescript, Bun*   **Mar. 2023**
- Developed Kaggle Plus, a browser extension enhances the Kaggle competition experience by visualizing leaderboards.
- Released Kaggle Plus on the Google Web Store, offering enhanced features with a stable, growing user base.

Extracurricular

Google Developer Student Club   **Sep. 2022 – June 2023**
Core Team Member   *National Cheng Kung University*
- Guiding team members implemented unit tests for projects and integrated tests into CI/CD pipelines on GCP.

Awards

Asia-Pacific HPC-AI Competition   **Nov. 2022**
Third Place & Best Deep Learning Performance – among 24 teams across 12 countries   *HPC-AI Advisory Council*

Microsoft Global Hackathon   **Oct. 2022**
Award Winner – the top project of mixed reality in global   *Microsoft*

Skills

Programming Languages: C, C++, C#, Python, JavaScript, TypeScript, Go, Java, Verilog, Rust, Scala
Frameworks: React, React Native, Vue, FastAPI, Express, .NET, MRTK, Jest, Expo, Pytorch, Gin, Playwright, Storybook
Technologies: Docker, Kubernetes, Node.js, HPC, ROS, CI/CD, Azure, GCP, Unity, HoloLens, Omniverse, Nx, Turborepo