Eason Yu

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Education Background

National Taiwan University
Sep 2019 - June 2023
Bachelor of Information Management

Achievements

2023 SYNCS Hackason
First place (price: 1100 USD)

2023 NTU Student Project Competition
Best Technology award (price: 1000 NTD)

2022 TAA Business Proposal Competition
First Place (price: 400 USD)

2021 E. Sun Bank AI Open Challenge
First place (price: 1100 USD)

Soft Skills & Extracurricular

Leader of street dance club
- Club leader in high school and college
- Host 'College Choreography Competition' with 200 contestants and over 1500 audience

Presentation & Communication
- Achieve top ranking in a presentation lecture, which led to TA job offer by the dean of literature.

Projects

EaseNote Mobile App
Jul 2023 – Oct 2023
- Using OCR, NLP to allow users to effortlessly categorize and retrieve information.

Low-cost Multi-camera Mocap System
Nov 2022 – May 2023
- Motion capture system that utilizes inexpensive webcams with deep pose networks and camera calibration techniques.

Professional Experience

AMUS Art Studio | Software Engineer & ML DevOps
Sep 2022 – present
- Developed hand gesture Recognition system for theme park interactive game.
- Developed a real-time ML inference testing app that enables on-the-spot testing, resulting in 3~4 days of saved travel time for the company.
- Sole developer for the backend & ML DevOps for The National Taiwan Museum of Fine Arts Exhibit Classification; The System remains in active production.

CMoney | Backend Engineering Intern
Sep 2021 – Aug 2022
- Sole developer for backend service use by recruitment website, operating in production for the 2022 summer recruitment season.
- Developed an internal tool for automated email categorization and database recording, reducing my supervisor's weekly workload by an average of 3 hours.
- Conducted ML data research on customer services, analyzing a 10GB dataset spanning from 2010 to 2022. Presented a prototype for an auto-trigger response system leveraging LLM.

Academic & Research Experience

Teaching assistant | Data structure and algorithm
2023 semester 2
- Secured the most challenging assistant position within our major
- Sole undergraduate student to secure acceptance

Undergraduate thesis | blockchain-powered turn-base game
Jun 2022 – Jan 2023
- Develop a blockchain channel technology optimize for fast action
- Address the unfairness in traditional client-server architecture

Machine Learning Research | Robustness of NMFs
Feb 2022 – Jun 2022
- Examining the durability of different Non-negative Matrix Factorization algorithms in the face of substantial noise in image datasets.