

Eric (Yu Ying) Chen

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EDUCATION

National Yang Ming Chiao Tung University

Hsinchu, Taiwan

Master of Science, Computer Science and Engineering

July 2023 – June 2025 (Expected)

Coursework Includes: Network Security, Advanced Programming in the UNIX Environment

GPA: 4.21/4.3

National Tsing Hua University

Hsinchu, Taiwan

Bachelor of Science, Electrical Engineering and Computer Science

September 2019 – June 2023

University of Minnesota Exchange Student

Minneapolis, MN

College of Science & Engineering

January 2023 – May 2023

Coursework Includes: Intro to Distributed Systems, Database Mgmt Sys

GPA: 4.02/4.0

EXPERIENCE

Tomofun Inc.

Taipei, Taiwan

MLOps Intern

June 2024 – Current

- Improving model efficiency using AWS chip technology, focusing on reducing computational costs.
- Redesigned three models, achieving a 50-70% cost reduction and significantly saving company resources.
- Maintained automation for data sampling, Label Studio project management, and weekly report generation.

Iscom Online International Information Inc.

Taichung, Taiwan

Full-Stack Engineer

June 2023 – May 2024

- Built a management system for a company that is about 100 people.
- Used Vue.js and Python. Integrated with several Microsoft services such as Calendar, to-do list, and One Drive.

National Yang Ming Chiao Tung University

Hsinchu, Taiwan

Full-Stack Engineer

June 2023 – December 2024

- Helped maintain school systems.
- Used Vue.js and PHP for one system and Go for the other system.
- Acquired the ability to effectively communicate and mentor team members.

Mei-Chu Hackathon

Hsinchu, Taiwan

Development Team Leader

December 2020 - November 2021

- Led a team of 6 people without experience in web development and completed two websites for participants to register and view information.
- Used Nuxt.js as front-end and Express.js as the back-end. Hosted the website on Firebase and deployed the server on AWS EC2 using Docker and Caddy and hosted the file server using AWS S3.
- Websites links: <https://2021.meichuhackathon.org>

RESEARCH

National Tsing Hua University

Hsinchu, Taiwan

Undergraduate Researcher

May 2022 – June 2023

- Conducted research under Professor Chun-Yi Lee on applying Deep Reinforcement Learning to train self-driving cars in a virtual environment.
- Publication: Vision based Virtual Guidance for Navigation (<https://arxiv.org/abs/2303.02731v1>)

AWARDS

2022 NTHU Department of Computer Science Senior Project Demo & Presentation Second Place

December 2022

2022 TSMC IT x Microsoft Careerhack 1st Runner Up

January 2022

SKILLS

Skills: Linux, C/C++, Go, React, Vue, Express.js, Python, Docker, AWS, Git, GitHub Actions

Language: Native in Chinese; Conversational Proficiency in English (TOEFL: 93)