

KaiYi Chang (Oscar)

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EDUCATION

National Taiwan University of Science and Technology

Sep. 2021 - Present

M.S. Information Management

- Teaching assistant in four courses: Java Object-Oriented Programming, Golang Programming, Introduction to Cloud Application Security, and Information Security Management.
- Served as the lab network administrator and managed the development and maintenance of the College of Management's systems.

Yuan Ze University

Sep. 2015 - June 2019

B.S. Information Management

- Student Dormitory Network Administrator 2016 – 2018
- Information Technology Association Club (ITAC) - 3rd Director 2016
- Academic Section Head of Student Association of Information Management Department 2016

SKILLS

Services: Azure, Azure DevOps, Microsoft 365

Languages: C#, Java, JavaScript/TypeScript, HTML/CSS, Python

Frameworks: .NET Core, Angular

Focus on: Cloud, DevOps, Web Development

WORK EXPERIENCE

Freelancer | *Student*

Sep. 2021 – Present

- **AACSB Certification System:** I developed a system for the College of Management to help the certification process and generate all reports.
- **International Shipping Company: Automation Deployment:** I use Jenkins to build and deploy the customer's system, including different environments to global sites.
- **Office of Real Estate Office Network Planning:** Two-story office network equipment planning, including network deployment, guest network and firewall settings, and NAS setup.

MAYO Human Capital | *Cloud Technical Engineer*

Mar. 2021 – Sep. 2021

Internal System Development and Network Administration

- I Develop a simple system for monitoring company services and operating scattered resources on the cloud, achieving more detailed permission control than Azure. (.Net Core 3, Angular 12)

WiAdvance Technology Co. | *Senior Software Engineer*

Feb. 2019 – Mar. 2021

POC Projects using Azure and Act As a only DevOps Engineer in the company.

- Microsoft Power Platform hackathon lecturer, e.g., non-profit organizations.
- **Customer Billing Data ETL & Visualization:** I used Azure Data Factory to capture, convert, and calculate CSP data. I then utilized Power BI to present the customers' usage charts, successfully assisting them in checking their billing accounts, identifying usage issues, and providing recommendations.
- **Licensing Key Management & Release:** Build a serverless licensing key management system using Logic Apps, Storage Account, API Management, Azure CDN, Azure Functions, Key Vault, and Azure SQL.
- **Time Sheet Data ETL System:** A (semi) automated timesheet form-filling system using Azure Data Factory to capture and process data from Microsoft 365 and follow up with Azure Functions to do the final data batch conversion.
- **Manufacturing Monitor System:** A pure containerized system that can deploy services into cloud service (App Service, Azure Container Registry, Azure SQL ... etc.) and local machines using Azure DevOps.

Accudata | *MIS / SE Intern*

Feb. 2018 – Feb. 2019

IDC Equipment Management, Network Administration, and Network re-architecture

PROJECTS

AACSB Certification System | *C#, .NET Core, Angular, Flatcar Container OS*

Jul. 2022 – Present

- [GitHub Repository - Frontend](#)
- [GitHub Repository - Backend](#)

ADDITIONAL PROJECTS

Raspberry Pi Dotnet Minimal API | *.NET 8, Raspberry Pi, Minimal API*

2024

Repo: [GitHub](#)

Slides

Link: <https://slides.kaiyeee.tw>

Data Journalism | *Web, Data Analysis*

2018

Link: <https://datajournalism.kaiyeee.tw>, Repo: [GtiHub](#)

22nd InnoServe Awards, Taoyuan Open Data - TripTao | *Honorable Mention*

2017

Link: <https://triptao.kaiyeee.tw>, Repo: [GtiHub](#)

2016 YZU IC,IM,CS Orientation – Official Website | *Web*

2016

Link: <https://yzu2016camp.kaiyeee.tw>, Repo: [GtiHub](#)

Information Technology Association Club (ITAC) – Official Website | *Web*

2016

Repo: [GtiHub](#)

HOBBIES

HomeLab

Late 2022 – Present

Running home automation, containerized services, and virtualization in 12 hosts. Config files will soon be open source.