

# KaiYi Chang (Oscar)

 [github.com/Oschangkai](https://github.com/Oschangkai)  [kaiyeee.tw/resume](https://kaiyeee.tw/resume)  [linkedin.com/in/kaiyeee](https://linkedin.com/in/kaiyeee)  [me@yi.contact](mailto:me@yi.contact)

## 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, site-to-site network, guest network and firewall settings, and NAS setup. The network is working well and has been running for over a year without any issues.

### 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 (Flatcar Container OS for simple container services and Talos OS for Kubernetes), and VMs in 12 on-premises hosts.