

Christopher Cheng

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MIS graduate with 2 years in backend development, 1 year in AI research, and proficiency in Python (4 years) and C# (2 years). Skilled in using Django and .NET Core for innovative solutions.

SKILLS

- **Programming Language:** Python, C#, JavaScript, Shell
- **Frameworks & Tools:** Django, ASP.NET Core, RESTful API, LineBot, Celery, PyTorch
- **Database:** MySQL, Redis, MSSQL, SQLite, Oracle
- **DevOps & CI/CD:** GitHub, Docker, AWS (EC2, Lambda, S3, Glacier, RDS, VPC), Azure
- **Operating System:** Windows Server, Linux
- **Language:** English (Proficient), Mandarin (Native)

EXPERIENCE

Dynasafe Technologies, Inc (SI, 300 staff) – SRS Department

Taipei, Taiwan

Junior System Engineer

Sept. 2023 – Nov. 2023

- Trained as a Forescout technical consultant, assisted 3 securities firms and 4 factories in implementing and maintaining Forescout cybersecurity product, establishing a Zero Trust security framework.
- Added 2 additional features (Enhanced Mac Spoofing Detection, Illegal Browser Extension) to enhance Forescout's security visibility for Windows through Shell scripts developed by me.

National Chung Hsing Uni. – Occupational Safety and Health Administration, MOL **Taichung, Taiwan**

Backend Developer/ Student Lead

May. 2021 – Jun. 2023

- Led an international student team in implementing the [backend system](#) for AIOT safety identification technology improvement plan for structural steel construction sites.
- Completed the system one year ahead of schedule. Supervised 2 construction sites concurrently in real-time using AI, highlighting effective coordination and successful project execution.
- Implemented the **Django** framework, utilized **Celery** and **Redis** for asynchronous task processing, integrated **MySQL** for data storage, employed **RESTful API** for microservices such as AIOT integration and **Line Bot** notification, and utilized **Docker/Git** for containerization and version control.
- Annotated data and trained YoloV4 and U-Net [model](#) to identify safety equipment and hazardous behaviors, achieving 94% precision and IOU of 77.68%.

National Chung Hsing Uni. – Dept. of Information Systems

Taichung, Taiwan

IT Assistance

May. 2020 – Jun. 2023

- Resolved SQL syntax issues and addressed HTML/CSS bugs in the existing WordPress website, resulting in a 60% reduction in frequent crashes.
- Reducing 6 months of work to within 1 week, reformatted and recategorized for 50,000 books using Pandas, imported into Oracle DB.
- Analyzed and produced [data usage reports](#) of 20 journal databases.

PROJECTS

Resume Management System

Dec. 2023 – Now

- Utilized **React** for the frontend, **.Net MVC** for the backend, and deployed the system on **Azure**.
- Developed a Resume Management System facilitating user collection of resumes and company data.

Futures Trading - Taiwan University Simulation Trading Competition

Mar. 2023 – Jun. 2023

- Integrated the Touchance futures trading API for high-frequency trading, automating buy, sell, short, and cover actions.
- Utilized machine learning to identify the most suitable pair of futures for Pair Trading

HTML, JavaScript, and CSS tutorial blog

Sept 2019 – Dec. 2019

- Authored tutorials on HTML, JavaScript, and CSS, sharing insights from coursework, and developed a [personal webpage](#).

CERTIFICATIONS & AWARD

TOEIC: 855 (2023), AWS Academy Cloud Foundations, KICSS 2022 Outstanding Student Paper Award

EDUCATION

National Chung Hsing University

Taichung, Taiwan

Bachelor of Business Administration on Management Information System, GPA: 4.1 / 4.3

Jun. 2023