

ChuFei Wu

SOFTWARE ENGINEER · WEB SERVICE DEVELOPER

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“Learning more, interesting more.”

Summary

I have 3+ years experiences in different web services and back-end development. During my graduate studies, I focused on event-driven microservice architecture and messaging platforms. In addition to my web development experience, I have also experienced in various other software fields, including iOS application development, IoT embedded devices and NLP processing. Beyond my professional interests, I am an enthusiast with over ten years of experience in DIYPC, homelab and networking.

Skills

DevOps	Docker, Jenkins, GitHub, GitLab
Framework	SpringBoot, Django, Pact, RabbitMQ, Kafka, web3
Programming	Java, Python, C, JavaScript, Solidity
Operation System	Linux, Mac OS, Ubuntu, Esxi, unraid, TrueNAS
Cloud Platform	Digital Ocean, Oracle Cloud, AWS, Azure, Fly.io

Work Experience

Industrial Technology Research Institute ,ITRI

Hsinchu, Taiwan

INTERN OF SOFTWARE DEVELOPING

Jul. 2021 - Dec. 2021

- Researching, designing, and building a personal data authorization system with reliability and throughput. Including decentralized, microservice, Event-driven architecture, CI/CD chain, block-chain and third-party finance system.

National Taiwan Ocean University

Keelung, Taiwan

DATA MIGRATION SPECIALIST

Jan. 2021 - June. 2021

- Migrated whole school data to dedicated infrastructure with. Operated new CMS to assist data migration.

Presentation

29th Asia-Pacific Software Engineering Conference (APSEC 2022)

Virtual, Japan

PRESENTER FOR <TESTING FOR EVENT-DRIVEN MICROSERVICES BASED ON CONSUMER-DRIVEN CONTRACTS AND STATE MODELS.>

Dec. 2022

- Introduced the challenge to test an asynchronized system with existing method.
- Proposed a study for how to effectively test an Event-driven microservice system.

18th Taiwan Conference on Software Engineering (TCSE 2022))

Taipei

PRESENTER FOR <COMPOSITE CONTRACT TESTING MECHANISM FOR EVENT-DRIVEN MICROSERVICES.>

Jun. 2022

- Introduced a study that test a Event-driven microservice system with contract testing

2021 National Computer Symposium, NCS 2021

TaiChung, Taiwan

PRESENTER FOR <DESIGN FOR PERSONAL DATA AUTHORIZATION SYSTEM AND TWO-WAY PAYMENT PLATFORM>

Dec. 2021

- Introduced a system with personal data authorization and interaction with the finance system.

2020 International Computer Symposium (ICS 2020)

Tainan, Taiwan

PRESENTER FOR <PDAS: A DIGITAL-SIGNATURE-BASED AUTHORIZATION PLATFORM FOR DIGITAL PERSONAL DATA.>

Dec. 2020

- Introduced a study that how to ensure a digital authorization is legal and reliable for a digital contract with personal data.

Education

National Taiwan Ocean University

Keelung, Taiwan

M.S./B.S IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2016 - Aug. 2022

- Construct fundamental Computer Science knowledges including Data Structure, Algorithm, Database, Linear Algebra, Networking, etc.
- Collaborated with team to build whole project from scratch. Including NLP project and web-service application. Be a project manager and SWE leading the project.
- Designing and managing infrastructure in laboratory. Including Networking, Server and Service design.
- Certification of Software Engineering Program. Such as Project management, System Design, Software Quality Assurance, Agile development. From Software requirement extraction to delivery and maintenance.

Extracurricular Activity

Archery Club, National Taiwan Ocean University

Keelung, Taiwan

CORE MEMBER

Sep. 2016 - Aug. 2018

- Organised club activity and competition. Conducting government education program to hold a archery camp for elementary school.