

# ChuFei Wu

SOFTWARE DEVELOPER · WEB SERVICE DEVELOPER

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*"It's not a bug, it's a feature."*

## Summary

Master Degree of Science, Department of Computer Science, National Taiwan Ocean University. 3+ years experience for web-service and backend developing. A nerd who have passion in DIY homelab and infrastructure with Networking. Experience with MacOS, Windows and different Linux-distro. Very interesting and motivated to learning new technologies and tools if needed. Additionally, I was an archery club leader with 2 year experience including management, activities, finance, logistic field. And got 3+ medal of archery competition.

## Work Experience

### Industrial Technology Research Institute ,ITRI

Hsinchu, Taiwan

INTERN OF SOFTWARE DEVELOPING

Jul. 2021 - Dec. 2021

- Researching blockchain tech for solution of third-party finance system
- Designed an personal data authorization system.
- Designed solution of electric power data exchange.
- Building a decentralized system with high-throughput and reliability.
- Design and deployed the system in a dedicated cloud platform with CI/CD chain.

### National Taiwan Ocean University

Keelung, Taiwan

DATA MIGRATION SPECIALIST

Jul. 2021 - Dec. 2021

- Migrate whole school data to dedicated infrastructure with.
- Operate new CMS to assist data migration.

## Honors & Awards

### INTERNATIONAL

2016 **Outstanding**, 2nd The International Mathematical Modeling Challenge (IMMC 2016)

Hong Kong

### DOMESTIC

June, 2022 **Best Paper**, 18th Taiwan Conference on Software Engineering (TCSE 2022)

Taipei, Taiwan

Nov, 2017 **Champion**, Male University Group, 21th 國際 Archery competition

HsinChu, Taiwan

2016 **Champion**, preliminary, 2nd The International Mathematical Modeling Challenge (IMMC 2016)

Taiwan

## 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

Dec. 2022

MODELS.>

- Introduced the challenge to test an asynchronized system with existing method.
- Propose a study for how to effectively test a 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

M.S. IN COMPUTER SCIENCE AND ENGINEERING

- Finished several projects with new technology and know how a software being.
- Collaborate with team to build whole project from scratch.

Keelung, Taiwan

Sep, 2020 - Aug, 2022

## National Taiwan Ocean University

CERTIFICATION OF SOFTWARE ENGINEERING PROGRAM

- This additional certification is being proved the student was learned more detail, progress and knowledge in Software Engineering field.

Keelung, Taiwan

Sep, 2016 - Aug, 2020

## National Taiwan Ocean University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Got skill and experience in Computer Science field.

Keelung, Taiwan

Sep, 2016 - Aug, 2020

## Extracurricular Activity

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### Archery Club, National Taiwan Ocean University

CORE MEMBER

- Participate Archery club activity and competition.
- As a outdoor exercises to help health.

Keelung, Taiwan

Sep. 2016 - Aug. 2017

### Archery Club, National Taiwan Ocean University

CHIEF

- Organise club activity and competition.
- Teaching archery skill for student.
- Join government education program to hold a archery camp for elementary school.
- Conducted national competition with goverment and relative organization.

Keelung, Taiwan

Sep. 2017 - Aug. 2018