

# Jerry Wang

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## EXPERIENCE

### FUBON FINANCIAL FINTECH OFFICE | FINTECH INTERN

Sep 2017 – Jan 2018 | Taipei, Taiwan

- Building Decentralized Application with Ethereum and web3j.

### NCNU DEPARTMENT OF INFORMATION OF MANAGEMENT | SYSTEM ADMINISTRATOR

June 2014 – Sep 2016 | Puli, Taiwan

- Convert all physical machines into virtual machines and migrate into VMware vSphere environment.
- Migrate from an Apache Web Server to Nginx, set up nginx with HTTP/2 and SSL, saved 60% page-loading time.
- Created a automatic deployment CMS (Wordpress or Joomla) script.

### IMONOLGY | FRONT-END ENGINEERING INTERN

Jul 2015 – Jun 2016 | Puli, Taiwan

- A Integrated system of monitoring: use jQuery with backend API at the early stage, reactor code with React.js framework.

## PROJECT

### A RESEARCH OF BOOSTING CONSISTENCY AND SAFETY OF SYSTEM IN SOFTWARE-DEFINED INFRASTRUCTURE |

TAIWAN STOCK EXCHANGE CORPORATION

May 2017 – Dec 2017 | Taipei, Taiwan

- Redesign service architectures with microservices on Docker to avoid single point of failure and provide high availability.
- Design a CI/CD workflow to automatic test environment parameters with Ansible script.
- Set up a high throughput architectures with Kafka and Zookeeper cluster on Docker.

## EDUCATION

### MASTER OF INFORMATION MANAGEMENT

NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND  
TECHNOLOGY

Grad. Aug 2018 | Taiwan

### BACHELOR OF INFORMATION MANAGEMENT

NATIONAL CHI NAN UNIVERSITY

Grad. Aug 2016 | Taiwan

## GRADUATE THESIS

### MASTER

ON THE DESIGN AND IMPLEMENTATION A LOGGING  
MANAGEMENT SYSTEM THAT SATISFYING COMMON  
CRITERIA SECURITY AUDITING REQUIREMENTS WITH THE  
BLOCKCHAIN TECHNOLOGY

Keyword: Common Criteria, security auditing, blockchain,  
smart contract, Hyperledger

### BACHELOR

ON THE DESIGN AND IMPLEMENTATION REACTION  
MECHANISMS OF A INTRUSION DETECTION AND  
PREVENTION SYSTEM IN LINUX KERNEL-LEVEL  
Keywords: Virtual Machine, Virtual Machine Monitor,  
Intrusion Detection and Prevention System, Linux Kernel

## SKILLS

### FRONTEND

- React.js
- Javascript
- ECMAScript 6
- HTML/CSS/SCSS

### BACKEND

- Node.js

### OPERATING SYSTEM

- Ubuntu
- macOS

### LINUX

- Shell Script
- Nginx
- Docker
- Ansible

### CVS

- Git
- GitHub
- GitLab

### OTHERS

- Word
- Excel
- LaTeX