# Jerry Wang

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## EXPERIENCE

### FUBON FINANCAIL FINTECH OFFICE |
FinTech Intern
Sep 2017 – Jan 2018 | Taipei, Taiwan

- Building Decentralized Application with Ethereum and web3j.

### 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.

### IOT 2.0 SMART APPLICATION PLATFORM |
Foxlink FPC
Nov 2016 – Aug 2017 | Taipei, Taiwan

- Design a IFTTT(if this, then that) workflow.
- Set up a openHAB 2 environment and testing MQTT broker server on AWS IoT service.

### BLOCKCHAIN VOTING SYSTEMS |
FrontEnd + Backend + Smart Contract
Feb 2017 – Jun 2017 | Taipei, Taiwan

- Building a private multi-node Ethereum blockchain with Docker.
- Backend and FrontEnd by using Node.js and Vue.js .

### IMONOLOGY | 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.

### NCNU DEPARTMENT OF INFORMATION OF MANAGEMENT | System Administrator
June 2014 – Sep 2016 | Puli, Taiwan

- Converte 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 delpoyment CMS(Wordpress or Joomla) script.

## EDUCATION

### MASTER OF INFORMATION MANAGEMENT
National Taiwan University of Science and Technology
Sep 2016 - Aug 2018 | Taiwan
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, Hypereledger

### BACHELOR OF INFORMATION MANAGEMENT
National Chi Nan University
Sep 2011 - Aug 2016 | Taiwan
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

## PERSONAL PROJECT

### TAIWAN EBOOK SEARCH | Web
Dec 2017 – Now | Taipei, Taiwan

- Use Vue.js fetch backend crawler API to search cross-platform information of Ebooks prices, author and etc.
- Automatically deploy GitHub Pages with Travis CI.

## AWARDS

### IOT SANDBOX WARGAME | National Center for High-performance Computing
May 2 2018 - May 3 2018| Yilan, Taiwan
Team: Hsieh-Jia-Ko, 1st place

## SKILLS

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

### BACKEND
- Node.js

### OPERATING SYSTEM
- Ubuntu
- macOS

### LINUX
- Shell Script
- Nginx
- Docker
- Ansible