

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.

TAIWAN STOCK EXCHANGE CORPORATION | RESEARCH ASSISTANT A RESEARCH OF BOOSTING CONSISTENCY AND SAFETY OF SYSTEM IN SOFTWARE- DEFINED INFRASTRUCTURE

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.

FOXLINK FPC | RESEARCH ASSISTANT IOT 2.0 SMART APPLICATION PLATFORM

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.

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

- 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.

AWARDS

IOT SANDBOX WARGAME | NATIONAL CENTER FOR HIGH-PERFORMANCE COMPUTING

May 2 2018 - May 3 2018 | Yilan, Taiwan

TEAM: HSIEH-JIA-KO, 1ST PLACE

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, Hyperledger

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.

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 .

SKILLS

FRONTEND/BACKEND

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

OPERATING SYSTEM

- Ubuntu
- macOS

LINUX

- Shell Script
- Nginx
- Docker
- Ansible