



# SHENG YOU LAN



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Date Of Birth  
14 September 1997

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## AWARDS

**NCTU School Programming Contest** September 2020  
Application Group - Third place

**CVE-2020-27819** December 2020  
Libxls vulnerability - Redhat

## CERTIFICATION

**TOEIC** February 2015  
725

## LANGUAGES

|                          |                                |
|--------------------------|--------------------------------|
| <b>Chinese</b><br>Native | <b>English</b><br>Intermediate |
|--------------------------|--------------------------------|

## OBJECTIVE

Currently, I just completed my master's degree in computer science at SQLab, NYCU(NCTU). Interested in IT, SRE, cloud, product, web/server-side development and management. I hope to strengthen my design and programming skills in C/C++, Kotlin/Java, and Golang in the future.

## EDUCATION

|   |   |
|---|---|
| <b>National Yang Ming Chiao Tung University</b><br>Master's degree, Institute of Computer Science and Engineering | (September 2019 - July 2021)<br>GPA: 4.04/4.3 |
|---|---|

### Advisor and Laboratory

- Prof. Shih-Kun Huang, Software Quality Lab
- Research Fields : Security, Software testing

### Thesis

- Network Protocol Fuzzing by State Sequence Coverage Guided Blackbox Testing

### Teacher Assistant

- Software Testing: Lab - CI/CD with Github Action

|   |   |
|---|---|
| <b>National Chung Cheng University</b><br>Bachelor's degree, Computer Science and Information Engineering | (September 2015 - June 2019)<br>GPA: 3.80/4.3 |
|---|---|

### School Club - Campus Network Association

- Director, R&D Minister, Course Minister

## EXPERIENCE

|   |                              |
|---|------------------------------|
| <b>National Chiao Tung University, Computer Center</b><br>Full Stack Web Developer - Intern | (September 2019 - June 2020) |
|---|------------------------------|

- Developed the new GPU management & application system in NCTU computer center
- Automatically generate docker instruction to help manager create container resources easily
- Skill: Vue.js + Laravel

|   |                              |
|---|------------------------------|
| <b>National Chung Cheng University, Computer Center</b><br>System Administrator, Developer - Intern | (September 2017 - June 2019) |
|---|------------------------------|

- Development and maintenance of the new application and management system in the dormitory and campus network infrastructure and service
- Integrated user data and network infrastructure databases to automatically process switch/router configurations.
- Service & Infra: Web, DNS, Radius, Monitor, Flow, vSphere, vCenter, ESXi
- Skill: React.js, Laravel, Python, PHP
- Project: **New CCU Alumni E-Mail System, New CCU Dormitory Application System**

|   |                            |
|---|----------------------------|
| <b>National Chung Cheng University, Computer Center</b><br>Network Administrator - Intern | (October 2015 - June 2019) |
|---|----------------------------|

- Management and troubleshooting in school dormitory and campus network infrastructure (Cisco 、 Brocade switch/router)

|   |                              |
|---|------------------------------|
| <b>National Chung Cheng University, Department of CS</b><br>System Administrator - Intern | (September 2016 - June 2019) |
|---|------------------------------|

- Maintained the network service and infrastructure for our department
- Service: Mail, NFS, VPN, Radius, Web, Wireless

## SELECTED/SIDE PROJECTS

**New CCU Alumni E-Mail System**  
<https://alum.ccu.edu.tw/>

- Developed new school alumni email application system and integrated it with Google Workspace (G Suite) SDK

**New CCU Dormitory Application System**  
<https://www.dorm.ccu.edu.tw/student/>

- Developed and designed a new school dormitory application system
- Enhanced user experience with responsive web design
- Integrated with school APIs and new router scripts to solve the problem of incorrect information input and difficulty in users obtaining mac addresses
- Adopted separation of frontend and backend and Restful API design style to increase the structure and maintainability of the project

**GPE-Helper**  
<https://github.com/setsal/GPE-Helper>

- Automatically organize the past programming exams from the department's judge system through crawlers
- Developed and designed a user-friendly web page so that students could have a better way to train themselves (features like sort, favorite, recommendation etc.)

**Fake Phone Screen**  
<https://github.com/setsal/fake-phone-screen>

- Use React.js, CSS Animation, and Progressive Web App method to build a fake mobile action screen application.

## SKILLS

|   |  |
|---|--|
| <b>Programming Language</b><br>Experience more in C/C++, Python, Shell Script, PHP, JavaScript, SQL | <b>Framework/Library</b><br>Comfortable with React.js, Vue.js, Laravel, Flask, Django, Yii2, Semantic UI, Element UI |
|---|--|

**Software/Tools**  
Experience in Git, Git Flow, Docker, Vim, GDB, Selenium, Redis, JUnit, Firebase