SHENG YOU LAN

Software Engineer at MediaTek

- Hsinchu, Taiwan
- @ contact@setsal.dev
- https://setsal.dev

Profiles

in setsal
LinkedIn

○ setsal
Github

Skills

Programming Language

C++, C#, Python, Shell Script, Web, Groovy

Framework/Library

Jenkins, Gitlab, Gerrit, React.js, Flask

Software/Tools

Git, Docker, Vim, GDB

Awards

NCTU School Programming Contest
Application Group - 3rd Place

CVE-2020-27819
Libxls vulnerability - Redhat

Languages

Chinese
Native

English
Intermediate

Hi, my name **SHENG YOU**, you can also called me **Setsal** for short.

In my role, I am tasked with developing a robust tool ecosystem aimed at facilitating efficient data collection for engineers. Additionally, I serve as the principal developer responsible for implementing and optimizing our department's CI/CD workflow.

Experience

MediaTek — Nov 2021 - Present
Software Engineer

MediaTek 5G modem software tool team. Developing tool ecosystem helps engineers collect and analyze massive amounts of modem log data efficiently.

- Cross-Platform Console Application / GUI Tool Developments
- Tool CI/CD flow development and managements

National Chiao Tung University, Computer Center — Sep 2019 - Jun 2020
Full Stack Web Developer

- Developed the new GPU management & application system in NCTU computer center

National Chung Cheng University, Computer Center — Sep 2017 - Jun 2019
System Administrator, Application Developer

- Development and maintenance of the new application and management system in the dormitory and campus network infrastructure and service
- Service: Web, DNS, Radius, Monitor, Flow, vSphere, vCenter, ESXi

National Chung Cheng University, Computer Center — Oct 2015 - Jun 2019
Network Administrator

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

National Chung Cheng University, Department of Computer Science — Sepr 2016 - Jun 2019
System Administrator

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

Education

National Yang Ming Chiao Tung University — Sep 2019 - July 2021
Institute of Computer Science and Engineering — Master's degree
GPA: 4.04/4.3

Advisor and Laboratory

- Prof. Shih-Kun Huang, Software Quality Lab
- Thesis: Network Protocol Fuzzing by State Sequence Coverage Guided Blackbox Testing
- Teacher Assistant: Software Testing

National Chung Cheng University — Sep 2015 - Jun 2019
Computer Science and Information Engineering — Bachelor's degree
GPA: 3.80/4.3

School Club - Campus Network Association

- Director, R&D Minister, Course Minister

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.

New CCU Dormitory Application System
- https://www.dorm.ccu.edu.tw/student/

- Developed and designed a new school dormitory application system
- Integrated with school APIs and router scripts to solve the problem of incorrect information input and difficulty in users obtaining mac addresses
- Introduced and adopted separation of frontend and backend and Restful API design

GPE-Helper
- https://gpe-helper.setsal.dev/

- 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

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

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