



CHIH-HSUAN YANG

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EDUCATION

Researcher at Information Security Lab

National Sun Yat-sen University

July. 2019 – May 2022(expected)

Taiwan, ROC

Bachelor of Computer Science and Engineering

National Sun Yat-sen University

Sep. 2018 – May 2022(expected)

Taiwan, ROC

- Awardee of scholarships by information security

WORK EXPERIENCE

Club's Founding President

Information Security Club, NSYSU

September 2019 – June 2021

Kaohsiung, Taiwan

- R&D, Server Maintainer
- Teaching, Communicator

Information Security Engineer Intern

Telecom Technology Center

June 2019 – August 2019

Kaohsiung, Taiwan

- Develop automatic apk vulnerability detection tool chain.
- Study static analysis tool which look for bugs in Java code.(SpotBugs)

PROJECTS AND RESEARCH

The Container Security in Healthcare Data Exchange System

Bachelor's degree graduation project

February 2021 – present

High Scalability Wireguard VPN Server | *Docker*

Using docker swarm with Heidi Cheng

April 2021 – present

Information Security Club Backend | *Golang, Docker, C++*

High concurrency server

April 2020 – present

NSYSU reCAPTCHA Solver | *C++, Python*

Using CNN recognizer with Ernest Chu

Spring 2021

NTRU Booster on FPGA | *C, Verilog*

Using NTT with Max Hsu

Fall 2020

Arduino Remote Airplane | *JavaScript, Arduino*

Control airplane easily by your phone

Fall 2018

Automatic Farm Control System | *Raspberry pi, Arduino*

An IoT, smart home project

Summer 2018

CONFERENCE AND TEACHING EXPERIENCE

Operating System Teaching Assistant

Department of Computer Science and Engineering, NSYSU

February 2021 – June 2021

Kaohsiung, Taiwan

Maker and Microprocessor

Lan Tan Junior High School

June 2021 – July 2021

Chiayi, Taiwan

Macaca Cup Hackathon

SITCON Lighting Talk

August 2020

Taiwan, Taiwan

COMMUNITY INVOLVEMENT

Sharestart

Volunteer

2019 – present

Taiwan

MOPCON

Sponsorship team

2019

Kaohsiung, Taiwan

SKILLS

Languages: Chinese (Native), English

Programming: Modern C++(17), C (kernel module), Shell script, Python, Golang

Skill: Linux, Docker, Git, Nginx, mongoDB

Document Creation: \LaTeX , Markdown