

YU-SHAN TSAI, Chumy

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EDUCATION

University: National Cheng Kung University Bachelor's degrees of Computer Science (2021/9 ~ present)

WORK EXPERIENCE

2022/10 ~ present | Freelancer

- Network tools, Backend, crawler, chatbot (Telegram, LINE).
- Remote control Rasp-pi Gateway - SSH Reverse Proxy System
 - Using ssl/tls for security and Authentication
 - With CA server function
- OMNET inet framework 4.4 debug
 - <https://github.com/inet-framework/inet/issues/854>
- PPPoE over OpenVPN
 - Bug Reports - <https://github.com/OpenVPN/tap-windows6/issues/158>

SKILLS

Language: C, C++, C#, Java, Python, Golang, JavaScript, Node.js, Vue, Shell Script

Tools: Linux, Windows Server, Container, Git, LDAP, FRRouting, BGP, Routing

LECTURE EXPERIENCE

2022/2/14~ 2022/6/9 | National Cheng Kung University COMPUTER SYSTEM AND NETWORK ADMINISTRATION (NA/SA) — TA

- Teaching iptables, PKI and VPN, and LDAP.

The original designer and administrator of the online evaluation system for courses.

2023/2/14~ 2023/6/9 | National Cheng Kung University COMPUTER SYSTEM ADMINISTRATION (SA) — TA

- The original designer and administrator of the online evaluation system for courses.

PERSONAL PROJECTS

- AS149423 maintainer
- LANRSAAuthenticationService
 - It is a web site for router's LAN Network Authentication with RSA signature make by Debian 11.
- NetworkServicePackage
 - A Framework for Network Application for C#.
- Chuon
 - A data interchange format and a serialization format

PROJECTS CONTESTS

2017 Kaohsiung City 2017 Middle School Students App Design Contest — 2nd

NETWORK AND CYBER SECURITY CONTESTS

2023 The 53rd National Skills Competition IT Network Systems Administration National Player Selection — Alternate National Player

2023 balsn CTF — Taiwan rank 2

2022 The 52nd National Skills Competition IT Network Systems Administration — 2nd

2022 HITCON CTF — rk 2.(In Taiwan) / rk 37(global)

2021 The 52nd National Skills Competition IT Network Systems Administration Southern District — 2nd

