YU-SHAN TSAI, Chumy

# EDUCATION

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GitHub: <https://github.com/Jimmy01240397>

Website Link: <https://blog.chummydns.com>

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 framwork 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 Framwork for Network Application for C#.
* Chuon
  + A data interchange format and a serialization format

# PROJECTS CONTESTS

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

**NETWORK AND CYBER SECURITY CONTESTS**

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| **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 |
| **2021** | balsn CTF — rank 9 |