



NATDANAI THAMTHONG (PETCH)

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SUMMARY

Highly motivated and detail-oriented 3rd-year Computer Engineering student seeking a challenging System Engineer Internship. Eager to leverage hands-on experience in network analysis (CTF winner), system administration (Linux VPS), and extensive training in Microsoft technologies (Active Directory, Hyper-V, M365) to contribute to infrastructure management and security initiatives. Proven team player with strong problem-solving skills and a passion for cybersecurity.

EXPERIENCE

Personal Project: Multi-functional Discord Bot **Jul 2024 - Present**

- Developed, deployed, and maintained a Python-based Discord bot hosted on an Ubuntu Linux VPS.
- Implemented diverse features including TTS scheduling, voice channel activity logging, and image analysis via Google Gemini API integration.
- Gained practical experience in basic Linux server administration, service management, and troubleshooting on a cloud platform (VPS)

Teaching Assistant (TA) - Cybersecurity Workshops **Aug 2024**

- Assisted instructors and participants during hands-on lab sessions for "Forensic Techniques for Email and Cybersecurity" and "Cisco Cybersecurity Essentials".
- Provided technical support with Kali Linux tools and cybersecurity lab exercises.
- Enhanced communication and technical explanation skills.

Capture The Flag (CTF) Competition - PSRU CYBER HACKATHON 2023 **Sep 2023**

- Achieved 1st Place as part of a competitive team.
- Specialized in analyzing network traffic captures (.pcap files using Wireshark) and system logs (.txt files) to identify and extract critical information (flags).
- Demonstrated strong analytical and problem-solving skills under pressure in a team environment.

EDUCATION

Bachelor of Engineering Program in Computer Engineering **Expected Graduation: Mar 2026**

University of Phayao (Thailand)

- GPA: 3.13

ADDITIONAL INFORMATION

- **Operating Systems:** Proficient in Windows Server (Configuration/Troubleshooting), Windows Client, Linux (Ubuntu via VPS Management).
- **Microsoft Stack:** Hands-on training in Active Directory, Hyper-V, M365 Admin Concepts.
- **Networking:** Strong TCP/IP foundation (IPv4/v6, DNS, DHCP), Network Analysis
- **Security:** Trained in Cybersecurity Fundamentals, Forensics Concepts (Kali exposure), NIST/ISO27001 awareness.
- **Virtualization:** Practical experience configuring and managing Hyper-V environments.
- **Scripting:** Developed and deployed Python application (Discord Bot) on Linux VPS.
- **Certifications:** Cisco Cybersecurity Essentials, Currently pursuing Cisco CCNA certification.
- **Key Training:** Completed intensive modules in AD, Hyper-V, M365, TCP/IP & Cybersecurity.
- **Languages & Tools:** Thai (Native), English (Limited Working Proficiency), MS Office Suite.