

Attachat Channakorn

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Computer Engineering student at Kasetsart University with hands-on experience in AI/ML development and cybersecurity. Currently interning as SOC Analyst Tier 1 at Cyber Defense. Built a CNN-GRU sign language recognition system (100 words) and an AI-powered cybersecurity education platform with RAG pipeline. Proficient in Python, deep learning frameworks (PyTorch, TensorFlow), and penetration testing tools (Metasploit, Burp Suite, Nmap).

TECHNICAL SKILLS

Languages: Python, C, Java, JavaScript, Shell Script

AI & Deep Learning: PyTorch, TensorFlow, Sentence-Transformers, Mediapipe

Databases: PostgreSQL (pgvector), MySQL

Penetration Testing: Metasploit, Burp Suite, SQLMap, Hydra, Gobuster

Network Analysis: Wireshark, Nmap, tcpdump, PCAP forensics

Frameworks & Libraries: Scapy, Impacket, Shodan, BeautifulSoup, pyshark

Applications: CNN/GRU model design, RAG pipelines, OSINT automation, PDF report generation

INTERNSHIP

Cyber Defense

Apr 2026 – Present

SOC Analyst Tier 1

- Monitored security events and alerts using SIEM tools to detect and triage potential threats in real time.
- Investigated and escalated security incidents following standard SOC playbooks and response procedures.
- Performed initial analysis of logs, network traffic, and endpoint telemetry to identify indicators of compromise (IOC).

PROJECTS

Handy2Talk — Sign Language Recognition System

Sep 2025 – Nov 2025 | AI Developer

- Designed a CNN-GRU model for real-time English sign language translation supporting 100 words, achieving end-to-end pipeline from data preprocessing to web deployment.
- Implemented model inference pipeline optimized for low-latency web deployment.

Cyberpark — AI-Powered Cybersecurity Education Platform

Oct 2025 – Nov 2025 | Web Developer & AI Engineer

- Built automated knowledge ingestion and vectorization pipeline enabling a context-aware AI tutor to answer security-related queries from internal training data (RAG architecture).
- Reduced manual content curation time by automating document ingestion and embedding.

Reconis — Automated Reconnaissance Tool (Personal Project)

Apr 2026 – May 2026 | Web Developer

- Built automated subdomain enumeration, DNS analysis, and OSINT data correlation tool.
- Generated professional PDF reports with data visualization for vulnerability surface mapping findings.

EDUCATION

Kasetsart University at Kamphaeng Saen Campus

Jun 2023 – Present

Bachelor of Engineering, Computer Engineering

Relevant Coursework: Artificial Intelligence for Computer Engineers, Deep Learning, Cyber and System Security, Data Communications and Networking

Sriyapai School

Jun 2017 – Mar 2023

High School Diploma — Science-Mathematics Program

CERTIFICATIONS & ADDITIONAL

Certifications: Cybersecurity 101 TryHackMe, Jr Penetration Tester TryHackMe, NCSA CTF Bootcamp 2026

Languages: Thai (Native), English (Intermediate)

Soft Skills: Adaptable, works well under pressure, strong communication

International Experience: Work and Travel Program (2024–2025) — Wisconsin Dells, WI & Williamsburg, VA, USA

REFERENCE

Asst. Prof. Varunya Attasena, Ph.D.

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