

Waris Damkham

Junior Penetration Tester | GHF | CBBH | CMPen-Android | CAPenX | CNPen | CAPen | CAP

Bangkok, Thailand • waris.dam@outlook.com • +66 63- 954-4447 • LinkedIn: <https://www.linkedin.com/in/waris-damkham/>

ABOUT ME

Penetration Tester who graduated in Software Engineering major, specializing in Linux, Cybersecurity, DevOps, and AI. I perform penetration tests and vulnerability assessments for software, mobile, and web applications, following OWASP guidelines. I've led projects on OAuth 2.0 vulnerabilities and AI-based COVID-19 frameworks, which resulted in conference presentations and published research. Seeking a full-time position. Explore my work at <https://waris-damkham.netlify.app>

SKILLS

Programming Languages: JavaScript, Python, Java, C, Bash **Deployment & Version Control:** Firebase, AWS EC2, Nginx, Git
Web Development: HTML, CSS, React, Node.js, Flask, Spring Boot **Artificial Intelligence:** Machine & Deep Learning
DevOps & QA Testing: Docker, GitHub Action, Selenium, pytest **Penetration Testing:** Kali Linux, Burp Suite, Nmap, Metasploit
Security & Authentication: OAuth2.0, OWASP, Tor Network **Language:** Thai (Native), English (Intermediate)

EXPERIENCE

CYBERSECURITY CONSULTANT - PENETRATION TESTER

ALPHASEC, Bangkok, Thailand

Full-Time

JUN 2024 – OCT 2024

- As a Penetration Tester, I conduct thorough penetration testing to assess IT infrastructure security, targeting vulnerabilities in systems, applications, and user behaviors. I perform security and vulnerability assessments for software, mobile, and web applications, providing actionable recommendations and detailed analysis per OWASP guidelines.

PENETRATION TESTER

KPMG, Bangkok, Thailand

Internship

JAN 2024 – APR 2024

- As a Penetration Tester intern at KPMG, I focus on learning about vulnerabilities and assisting in conducting security assessments for software, mobile, and web applications. I apply the OWASP guidelines for analysis and reporting, and conduct vulnerability assessments with Nessus on KPMG's internal network.

RESEARCH INTERN

Ritsumeikan University, Shiga, Japan

Project Title: Detecting Vulnerable OAuth 2.0 Implementations in Android Applications

MAY 2023 – JULY 2023

- Analyzed OAuth 2.0 vulnerabilities in Android apps, emphasizing CSRF attacks, and developed an app to examine OAuth 2.0 protocols, proposing enhancements for improved security.
- Publication:** Presented at the 23rd IEEE International Conference on Software Quality, Reliability, and Security, 2023.

RESEARCH INTERN

National Central University, Taoyuan, Taiwan

Project Title: Automated COVID-19 Screening Framework Using Deep Convolutional Neural Network with Chest X-Ray Medical Images

JUNE 2022 – JULY 2022

- Pioneered an AI-based COVID-19 diagnostic system with chest X-rays, employing transfer learning for enhanced accuracy and Grad-CAM for model transparency, aiding in rapid and precise pandemic response.
- Publication:** Presented at the 6th International Conference on Information Technology (InCIT2022)

EDUCATION

MAHIDOL UNIVERSITY

Thailand

Bachelor of Science (B.S.): Information and Communication Technology (International Program)

2020 – 2024

PROJECTS

CHICKENME: CLASSIFICATION OF CHICKEN DISEASES FROM FECAL IMAGES VIA LINE OFFICE ACCOUNT

AUG 2023 - AUG 2024

Developed a mobile-based tool to help local farmers identify common poultry diseases through fecal images. The system, integrated into a LINE official account for easy access, offers a user-friendly interface for preliminary diagnoses. Achieved 86.49% segmentation mean average precision and 95.93% classification accuracy using a large open database. The system effectively distinguishes between diseased and healthy images, providing a cost-effective alternative to traditional diagnostic methods.

Publication: Accepted at IEEE Region 10 Conference 2024 (TENCON 2024).

SENYAI'S WORLD VIA TOR NETWORK

OCT 2023

Executed a darknet technology project by hosting a website on the Tor network using AWS EC2. Managed server setup on Ubuntu, configured Tor, and ensured .onion domain accessibility. Included GitHub Action for automated site availability checks.