

Wesley Wong Kee Han

Security Consultant

Proactive cybersecurity professional with a strong passion and interest in Offensive Security. Familiar with Red Teaming, Adversary Simulation, Penetration Testing, and Active Directory. By day, a dedicated white hat; by night, an avid CTF player with a focus on Reverse Engineering and Binary Exploitation.

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WORK EXPERIENCE

Challenge Creator Forensic & Security Research Center Student Section (FSEC-SS) @

06/2022 - 06/2023

Responsibilities/Tasks

- Organized <u>Battle of Hackers (BOH) 2022 & 2023</u>
- Conducted a Sharing Session on "<u>Rust for Reverse Engineering</u>"
- Conducted "Red Team Ops: Havoc 101" Workshop

Security Consultant Intern

Firmus Firmus 01/2022 - 04/2022 Responsibilities/Tasks

- Assist in conducting Vulnerability Assessment & Penetration Testing led by senior team members

- Engage in Open-Source Intelligence to drive the completion of Intelligence-Led assessments
- Perform retest to verify the status of vulnerabilities based on clients' remediation processes

- Generate and prepare professional written penetration testing reports based on CVSS benchmark

Consultant

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06/2023 - Present Responsibilities/Tasks

- Performed a variety of penetration tests, including Network, Web, API, Mobile, and Cloud security assessments

- Carried out Red Team operations and Purple Team exercises, simulating complex threats and working with Blue Team to improve detection and incident response

- Led research and development efforts focused on Active Directory security, creating tools, checklists, and resources to enhance assessment methodologies

EDUCATION

Bachelor of Computer Science (Cyber Security)

Asia Pacific University of Technology & Innovation (APU)

2020 - 2023 Activities & Societies CGPA: 3.76 First Class Honours

- Academic CTF Team Leader

- APU FSEC-SS Technical Committee

- Best Student Award

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- github.com/WesleyWong420

PERSONAL PROJECTS

SmartKaren 🗹

A series of custom offensive toolset and utilities written in C# and Rust, developed to explore AV evasion techniques for aiding red teaming operations

Build Your Own LOLBins 🖸

A post-exploitation toolkit to simulate the weaponization and detection of native Windows binaries based on LOLBas framework

AWARDS & ACHIEVEMENTS

UTAR-FICT The Amazing CyberHunt CTF Champion (2023)

Petronas Inter-University CTF Champion (2023)

Siber Siaga: Code Combat CTF Carls 1st Runner Up (2023)

ASEAN Cyber Shield Hacking Contest C Top 5 (2023)

CERTIFICATIONS

CREST Registered Penetration Tester (CRT) Issued by: CREST (2024)

CREST Practitioner Security Analyst (CPSA) Issued by: CREST (2024)

Offensive Security Certified Professional (OSCP) Issued by: OffSec (2023)

Certified Red Team Lead (CRTL) Issued by: Zero-Point Security (2023)

Certified Red Team Operator (CRTO) Issued by: Zero-Point Security (2022)

Practical Network Penetration Tester (PNPT) Issued by: TCM Security (2022)

Certified Red Team Professional (CRTP) Issued by: Pentester Academy (2022)

LANGUAGES

English Full Professional Proficiency Mandarin Native or Bilingual Proficiency

Malay Professional Working Proficiency