

William Wijaya

wijayawilliam2002@gmail.com | +6285296193789 | +60107657189

<https://linkedin.com/in/williamwijaya02> | <https://github.com/d0UBleW> | <https://d0ublew.github.io>

Jalan PWS No. 25, Medan, North Sumatera, Indonesia | D-18-01, Endah Promenade Condominium, Jalan 3/149E, Taman Sri Endah, 57000 Sri Petaling, Kuala Lumpur, Malaysia

Profile

Fresh graduate with strong passion in cybersecurity realm. Active CTF player, mainly focusing on Binary Exploitation and Reverse Engineering.

Professional Experience

Maybank Techies Internship

Malayan Banking Berhad (Maybank)

Aug 2022 – Nov 2022

Kuala Lumpur, Malaysia

- Firewall Team: rules profiling, creating audit report using Tufin SecureTrack, manage rules in Check Point R77.30 and R80.30
- UNIX Team: Ansible automation project to do OS patching, OS hardening, and server setup
- IT Security Operations Team: used Tripwire to perform OS and DB scanning, verify and install Deep Security agent via Trend Micro Deep Security console, perform NAC installation to workstations via McAfee ePolicy Orchestrator, took part in CMCS Cyber Drill

Skills

Programming & Scripting

Python3, C, C++, Bash

Linux

Basic System Administration

Version Control System

Git, GitHub

Digital Forensics

Autopsy, FTK Imager, Sleuth Kit, Wireshark, Volatility

Reverse Engineering

C, C++, .NET, asm x86

IT Automation and DevOps

Ansible, Docker/Podman

Binary Exploitation

pwntools, GDB, Frida, WinDbg, Qiling Framework

Web Exploitation

Burp Suite

Vulnerability Assessment

Tenable Nessus

Projects

CTF Writeup Blog [↗](#)

<https://d0ublew.github.io>

Linux System Hardening Automation with Ansible [↗](#)

<https://github.com/d0UBleW/shaa>

- Compatible with AlmaLinux and Ubuntu
- System hardening based on CIS Independent Linux
- Wazuh XDR agent installation
- OpenSCAP compliance scanning
- Interactive shell as the user interface

Nim Direct Syscall with SSN Resolver

- <https://github.com/d0UBleW/nim-ssn-resolver> [↗](#)
- <https://github.com/d0UBleW/nim-direct-syscall> [↗](#)

Certifications

CCNA: Introduction to Networks [↗](#) • CCNA: Switching Routing and Wireless Essential [↗](#) •

Rocheston Certified Cybersecurity Engineer [↗](#) (Level 1)

Education

BSc (Hons) in Computer Science (Cyber Security)

Asia Pacific University of Technology & Innovation (APU / APIIT) [↗](#)

Sep 2020 – Sep 2023

Kuala Lumpur, Malaysia

- CGPA: 3.68

Awards

PwC CTF: Hack A Day – Securing AI <i>PwC Malaysia</i> Champion (Malaysia) 9th (Overall)	Nov 2023
Siber Siaga 2023 CTF: Code Combat <i>Bahagian Siber dan Elektromagnetik Pertahanan Angkatan Tentera Malaysia</i> Second Runner Up	Aug 2023
APSEC Asia Pacific Cyberattack Response Challenge 2023 <i>Cyber8Lab</i> 4th Place	May 2023
I-HACK 2022 (Attack & Defense CTF) <i>UiTM Shah Alam</i> 4th Place	Dec 2022
APJC Cisco NetAcad Riders 2022 <i>APJC Cisco Networking Academy</i> 1st Runner Up in Malaysia Region	Apr 2022
HILTI ITC 2022: Gamify Cybersecurity Awareness <i>HILTI</i> Semi-Finalist (Top 19)	Mar 2022
TAR UC CTF Season 1 <i>Tunku Abdul Rahman University College</i> Champion	Nov 2021
F-Secure MDEC Cybersecurity Competition 2021 <i>F-Secure</i> Second Runner Up	Sep 2021

Languages

English • Malay • Chinese • Indonesian

Organizations

Forensics and Security Research Center Student Section APU (FSecSS) <i>Head of Challenge Creator</i> <ul style="list-style-type: none">• Create beginner to intermediate binary exploitation challenges• Setup APU Internal CTF 2023 infrastructure• Manage CTFd deployment• Perform quality control on submitted challenges• Conduct a sharing session on "Introduction to Stack-based Buffer Overflow"• Conduct a workshop on "Introduction to Return Oriented Programming (ROP)"	Jan 2023 – Jun 2023
Forensics and Security Research Center Student Section APU (FSecSS) <i>Challenge Creator</i> Create jeopardy-style CTF challenges	Jun 2022 – Dec 2022

References

Yusnita Yusof, *Senior Lecturer*, Asia Pacific University of Technology and Innovation (APU/APIIT)
yusnita@staffemail.apu.edu.my, +6 03-8996 1000 (Ext. 5686)

Nor Azlina Abdul Rahman, *Senior Lecturer*, Asia Pacific University of Technology and Innovation (APU/APIIT)
nor_azlina@staffemail.apu.edu.my, +6 03-8996 1000 (Ext. 5469)