

ADRIAN SIMBULAN

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CAREER OVERVIEW

Aspiring cybersecurity professional with a solid foundation in penetration testing, vulnerability assessment, and ethical hacking. Experienced in using industry-standard tools for web and network security, with a focus on exploit development and risk mitigation. Eager to apply my hands-on experience in real-world environments and further grow my expertise.

EDUCATION

Bachelor of Science in Mechanical Engineering
University of Santo Tomas | 2020

SKILLS

- Penetration Testing: Web and Network with Burp Suite, SQLMap, Nessus, Metasploit, Python, and firewall/IDS evasion.
- Security Tools & Scripting: Proficient in Kali Linux, Wireshark, Hydra, Aircrack-ng, with Python, Bash, and PowerShell for automation.
- Web Security: Expert in SQLi, XSS, CSRF, auth bypass using Burp Suite, OWASP ZAP, Google Dorking.
- Network & Privilege Escalation: Skilled in network recon (Nmap, Netcat, Wireshark) and Linux/Windows escalation (GTF0Bins, WinPEAS).
- Programming & Web Development: Basic knowledge of Python for scripting and automation, and HTML, CSS, JavaScript for web development.
- Fluency in verbal and written communication in English and Filipino.

TRAININGS & SEMINARS ATTENDED

- Cybersecurity Threat Vectors and Mitigation – Online training on network security, threat analysis, and attack prevention.
- TryHackMe CTFs – Practical experience in real-world hacking scenarios, red teaming, and vulnerability exploitation.

[TryHackMe Profile](#)

LICENSES & CERTIFICATION

- Licensed Mechanical Engineer (Feb 2022 Board Passer)
- Licensed Master Plumber (July 2022 Board Passer)

- TryHackMe Offensive Security Path – Hands-on labs in penetration testing, exploit development, and privilege escalation.
- CompTIA Security+ (In Progress) – Covers risk management, cryptography, identity access management, and security operations.

Vulnerability Scanner (Python)

February 2025

- Created a simple Python-based vulnerability scanner that checks for open ports and basic security misconfigurations.

CTF Write-ups (TryHackMe)

October 2024 - Present

- Documented step-by-step solutions for various CTF rooms, including web exploitation, privilege escalation, and network security challenges, demonstrating problem-solving skills and attack methodologies.

MIMAG Construction and Trading Corporation (Jr. Penetration Tester)

October 2024 - Present

- Performed Vulnerability Assessment (VA) to detect security weaknesses in the website.
- Conducted penetration testing using tools like Burp Suite, OWASP ZAP, and Nmap.
- Assessed website security based on OWASP Top 10 risks (SQL Injection, XSS, etc.).
- Engaged with the CEO to explain security risks and their potential business impact.
- Provided detailed security reports with actionable remediation steps.
- Recommended and verified security patches to prevent future exploitation.

Arcadis (Cost Consultant)

June 2023 - Present

- Conducted quantity take-offs, measurements, and valuations based on project specifications and drawings.
- Engaged with clients & project teams in providing regular updates on cost-related matters, addressing queries, and contributing to project progress reports. (Hong Kong Projects - MEPFS)