

Nguyen Ngoc Tieu Long

Security Engineering

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Contact:    

SUMMARY

As a network security engineer i have a great passion for this field spend a lot of time to learn new technology. However, witnessed myself as a person with limited experience and skills, I look forward to learning from talented people in this field so that I can further improve my skills.

TECHNICAL SKILLS

Network Security:

- Understand of network protocols (e.g., HTTPS, SSH, TLS/SSL), routing, and firewall configurations : Pfsense, ASA,...
- Uble to build and configure network (e.g, LAN, DMZ,...), configure routers and switchs.
- Ability to configure and mange network via VMs, cloud. Configure based firewalls.

Operating systems:

- Proficiency in operating and securing various systems (Windows, Linux, Unix, Debian, MacOS).
- Proficiency in scripting languages (eg., Python, Bash,..) and shell, CMLs, able to write and build applications for pentesting, attacking,..
- Knowledge of privilege escalation prevention and malware detection (comprehend Ddos, Dos, Bruteforce, ...)
- Able to using management systems (eg., SIEM,...) to analyze security logs, identify anomalies.

Application Security:

- Understand structure of web application of (eg., Flask, Springboot,..) and its vulnerabilities (e.g., SQL injection, XSS, CSRF).
- Experience with phising attack, metasploit framework for using module to scan, exploit.
- Proficiency in using payloads(eg., msfvenom,..) for penetration testing and ethical hacking.
- Experience with cloud computing Platforms: AWS cloud.
- Experience scientific forensics research in encode and decode for hiding information in videos, images, able to build and use avaiable tools for detecting suspiciousness.

PROFESSIONAL EXPERIENCE

Harotech company – QA Engineer

10/2022-5/2023

Project: Time management (12 members)

- **Description:** A mobile app for student to manage their time, it also has lectures and quizzes, exams for students through per grade.
- **Technology:** Java programming languages, and its other frameworks (for android systems).
- **Responsibilities:**
 - Executing test plans using scripts: selenium (python framework) for automatically testing applications (login features, tesing features of app) from that evaluating application errors, durability,..
 - Using scrapy and beautiful soup for scraping data (math quizzes, exams, keys,...) from internet to create database.
 - Suggesting recommendations about security methods (using 2FA, encrype queried data database,...) views app modified, structures.

EDUCATION AND CERTIFICATE

Posts and Telecommunications Institute of Technology (2019 – now)

- Studying Security information.
- Degree grade: Good – GPA 73%.
- Consolation prize of the school science research competition.

Certificate:

- Languages (English): IELTS Academic 5.5
- Programming: Python for Data Science, AI & Development ([onClick](#)).
- Cloud: AWS Cloud Technical Essentials ([onClick](#)).

ACTIVITIES

Participate in various competitions in University :

- Participate in the school's CTF contest.
- Participate in the school's research contest.
- Sharing knowledge and documents on forums such as “Studocu, Stackoverflow,...”).