

TRAN VIET HOANG

LINUX CONSULTANT

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EXPERIENCE

ACCENTURE PLC

06/2023 – Present

Infra Transformation Associate

09/2023 – Present

Team: Vulnerability Management

- Patch and remediate vulnerabilities on servers (Linux, Windows) and cloud platforms (Azure, AWS) in timely manner.
- Incident and response: receive alert from SOC team and work as middleman between SOC team and PIC of the assets, investigate and analyze on suspicion activities.
- Involve in vulnerability management tracking process, investigate on remaining vulnerabilities.
- Investigate remediation impacts and instruct remediation solutions/exceptions to assets' owners.
- Coordinate with Qualys, Splunk, Tanium and MDE team to ensure online connectivity.
- Hardening on servers (Linux, Windows) and cloud platforms (Azure, AWS) with compliance configuration.
- Create automation tools for hardening based on company's standards.
 - Use PowerShell script to find and configure registries on Windows Server with compliance values.
 - Use Bash script to check hundreds of Unix Server connectivity to monitoring console of Qualys, Splunk, Tanium and MDE.
- Create automation tools for mail system.
 - Use Python, Power Automate and Power BI to categorize and separate thousands of vulnerabilities for multiple clients, create and update waiver automatically by month and send emails to clients.

Internship

06/2023 – 09/2023

PROJECTS

DETECTING CYBER ATTACKS BASED ON CLUSTERING AND DEEP LEARNING

- Using DBSCAN algorithm and CNN model to detect cyber-attack based on 4 attack classes. Applying Confusion Matrix to evaluate the performance of CNN model.
- Dataset: NSL-KDD
- Link: <https://gitlab.com/hoangtv01/nsl-kdd-cyber-attack-detection.git>

APPLYING SECURITY SOLUTIONS FOR AUCTION WEBSITE AND DATABASE

- A personal project about creating a website with security solutions for auction website and its database. Defend against 5 types of cyber-threat: SQL Injection, XSS, Brute-force, CSRF, Insecure communication. Warrant CIA triad.
- Techniques: Java, JavaScript, Spring Boot, Spring Security, PFSense Firewall, Tomcat, MySQL.

SKILLS

- Python, Java, C/C++, JavaScript, Bash script, PowerShell script, Terraform
- SQL Server, MySQL, Firebase
- ELK Stack, Nagios, Primas Cloud, Nginx, Apache
- Basics Networking

EDUCATION

POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY

08/2019 – 06/2024

Engr. Degree in Information Security

GPA 3.27/4.0