PHẠM ĐÌNH SƠN

Engineer

- 📅 26/07/1995
- 👤 Male
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- 📍 Ha Noi - Viet Nam

TARGET

Become a senior security networking engineer, work in a professional environment, complete yourwork and support others, refuse to stop learning, studying and accumulating experience tocomplete my self. Improving and developing current skills and discover new skills at work oreven life.

CHARACTER

- Creative.
- Dynamic
- Hardworking

🎓 KNOWLEDGE

POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY   2013 - 2018
Electronics and Communications

GPA= 3.42/4 (2nd rank in Department)

ENGLISH CERTIFICATE - IIG VIETNAM   2018 - 2020
TOEIC

665/990.

JUNIPER NETWORKS CERTIFICATION   2019 - 2022
Juniper Networks Certified Associate - Junos (JNCIA-Junos)

Juniper Networks Certified Specialist Enterprise Routing and Switching (JNCIS-ENT)

CISCO NETWORKS CERTIFICATION
Cisco Certified Network Associate (CCNA)

Cisco Certified Network Professional (CCNP)

MICROSOFT CERTIFICATION
Microsoft Certification Solutions Associate (MCSA)

SECURITY CERTIFICATE
Certified Ethical Hacker (CEH)

💼 WORKING EXPERIENCE

VIETTEL NETWORK (VTNET)   2019 - NOW
Penetration Test Engineer

Job description
- Ensures information security for the whole system and applications in every stage of design, deployment, testing, operation.
- Find and Exploit Vulnerabilities in System, Web sites and Applications
- Writing report guidelines to fix these Vulnerabilities
Project
- Found a lot of well-known vulnerabilities in internal applications, systems such as:
(Reference https://github.com/sonpd2/Hacking-Knowledge/tree/master/Exploits)
+ SolarWinds Dameware Mini Remote Control Unauthenticated RCE
+ Apache Hadoop YARN ResourceManager Unauthenticated RCE
+ Apache Tomcat AJP Connector Request Injection (Ghostcat)
+ Redis Server Unprotected by Password Authentication RCE
+ ...
- Found vulnerabilities in internal, public applications such as:
+ Bypass Two-Factor Authentication
+ Business Logic Vulnerability
+ Sensitive Data Exposure
+ Security Misconfigurations
+ Path Traversal
+ ...

VIETTEL NETWORK (VTNET)   2018 - 2019
Network Security Engineer

Job description
- Implementing plans to improve network security level according to standards, guideline and regulations.
- Implementing plans to overcome network-level vulnerabilities.
- Check and control the security of networks, find out and warn about possiable risks, and propose

solutions to overcome vulnerabilities.

- Implementing and operating security solutions

Project

- Operating Office Networks (Switch, Router, Firewall, Proxy, Wifi, Access Point, DHCP) for compnay's building
- Operating Microsoft Solutions such as DNS, Active Directory, Microsoft System Center Configuration Manager.
- Implementing and operating security solutions such as:

+ ObserveIT: Monitor employee

+ NetGuard Identity Access Manager: Solutions to impact safely into network

+ Data Loss Prevention (DLP) such as Waterwall, Symantec.

+ Document Security solutions such as Softcamp.

+ Algosec solution to automate the management and implementation of security policies on firewalls, routers, virtual private networks and related security devices.

- Writing Web Application by myself using PHP, Flask (Python), some project: Firewall Topology, NMAP Scanner, Service Detection,..
- Writing tools for automation using AutoIT, Selenium.

VIETTEL NETWORK TECHNOLOGIES CENTER (VTTEK)   **2017 - 2018**
Intern for 5G department

Developing Layer 2, Layer 3 in OSI model

✏️ SKILL

Hard skills

- Programming language Python, PHP, AutoIT, Bash Shell, PowerShell
- Tools for pentest such as:

  + **Nmap**, **Netscan**, **Network monitor**, **Wireshark**, etc, to detect and analyze network risks.

  + **Nessus, Burp Suite, Acunetix** to detect vulnerabilities.

  + **Metasploit**, **Xerosploit, SQLMap, Commix** exploits the vulnerability.

- SQL language **MSSQL**, **MySQL, MariaDB, Oracle, Redis, Mongo,…**
- Opensource Docker, Prometheus, Grafana,...

Soft skills

- Ability to self-study and self-study.
- Regularly acting as PM (Project manager) in the tasks.
- Read well English materials.

🏆 ACHIEVEMENT

WORKING

- Awarded outstanding peoples in Information Security at Viettel Network   **2020**

STUDYING

- Salutatorian of my faculty with a GPA of 3.44/4   **2017**

- The highest score in 2013 College entrance exam at : Electronicsand Communications of Posts and Telecommunications Institute ofTechnology.   **2013**

- Get Global Problem Scholarship - Based Learning 2017 (gPBL) of the Japanese government.   **2017**

- Excellent Student Scholarship at Posts and TelecommunicationsInstitute of Technology: Four times.

- Bronze medal in 2012 Physics Olympics at Zone 2, Vietnam.   **2012**

RESEARCH

- International article co-author: Duong Thi Thanh Tu, Nguyen VanHoc, Pham Dinh Son and Vu Van Yem, "Design and Implementation ofDual-Band MIMO Antenna withLow Mutual Coupling using EBG forHandheld Applications," International Journal of Engineering andTechnology Innovation, accepted, October 2nd 2016.   **2017**

International Conference co-author: Duong Thi Thanh Tu, PhamDinh Son, Vu Van Yem, "28/38 Ghz Dual-Band Mimo Antenna WithLow Mutual Coupling Using A Couple Of DGS", InternationalConference on Information and Communication Technology and Digital Convergence Business (ICIDB-2018), accepted. **2017**

- Member of the 2016 Science Research Student Project: "Designantenna for IoT device" achieved academic excellence and Bronzemedal of Ministry of Education and Training Vietnam. **2016**

- Member of the 2016 Science Research Student Project: "Researchinto the EBG structure for 5G antenna design" achieved academicexcellence. **2017**