Boubacar Laouge

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Profile

Engineer student in **Cybersecurity** with strong foundations in **computer networks, systems security, and SOC monitoring**. Hands-on experience in **log analysis, IDS/IPS deployment, secure infrastructures, and network traffic analysis**. Motivated, autonomous, and team-oriented, seeking an **internship or research opportunity in cybersecurity**.

Professional Experience

Networks and Systems Intern – Argadev   Casablanca, Morocco
May 2022 – August 2022
- Participated in **network supervision and optimization** using Wireshark
- Assisted in the management of **security policies**, firewall deployment, and monitoring
- Contributed to the setup and supervision of **IDS/IPS systems**

Security and Networks Intern – GSCOP / Grenoble INP   Grenoble, France
May 2023 – September 2023
- Monitoring and analysis of **system and security logs** for incident detection
- Use of security tools such as **Wireshark, Snort, and Nmap**
- Participation in **SOC activities** and security event analysis

Education

MSc SeCReTS – Security of Content, Networks, Telecommunications and Systems   Versailles, France
University of Saint-Quentin-en-Yvelines
- Advanced training in **network security**, wired and wireless telecommunications
- Operating systems security (**Unix, Windows**) and multimedia content protection

BSc in Computer Science – CNMS   Grenoble, France
Université Grenoble Alpes, 2023
Instruction language: English
- Solid background in **computer networks, mobility, and information security**
- Wired and wireless telecommunications and network architectures

BSc in Computer Science – ISI   Beni Mellal, Morocco
SupMTI, 2022
- Strong foundations in **operating systems** (Linux, Windows Server)
- Programming fundamentals with a focus on **Java**

Technical Skills

Networks : Windows Server 2022, Active Directory, routers, switches, virtualization (Proxmox, Kubernetes, Docker, Ansible)
Systems : Linux (Debian, Ubuntu, OpenBSD)
Security : IDS/IPS, Snort, VPN, firewalls, Metasploit
Monitoring / SOC : Splunk Enterprise, Burp Suite, Wireshark, auditd
Programming & Scripting : Python, Shell, Bash, Git
System Administration & Hardening : Linux server administration, AppArmor, SELinux

Projects

Secure Containerized Infrastructure : Design and deployment of containerized environments using **Docker, Kubernetes, and Ansible**, focusing on isolation, scalability, and security best practices.
Secure Network Infrastructure : Implementation of a secure infrastructure with **VPN, IPSec, and firewalls**, including traffic filtering and access control.
Security Monitoring Platform (SOC) : Setup of a security monitoring environment using **Splunk Enterprise, Burp Suite, Nessus, and Wireshark** for log analysis, vulnerability assessment, and incident detection.
Kerberos : L'objectif de ce Projet est d'installer et configurer un serveur Kerberos et de déployer plusieurs services kerbérisés. En particulier, on utilisera Kerberos pour ouvrir une session locale et à distance sur une machine, s'authentifier sur un proxy ou sur un serveur HTTP ou encore administrer des machines virtuelles en s'authentifiant via kerberos.

Formation and Certifications

TryHackMe: Pre-Security , Pentesting Fundamentals, Logging Linux for SOC, Pathway into to cyber

Languages

French: Fluent   English: Professional proficiency   Arabic: Basic