EL HILALI NABIL

Cybersecurity & Network Engineering Student **|** Aspiring Blue Team Analyst **|** looking for an **end-of-studies internship (4 - 6 months).**

CONTACT

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Portfolio : **https://nabilelhilali.tech**

ABOUT ME

I am a **third-year engineering student** , specializing in **network engineering and computer security** at ENIAD. I have contributed to the development of high performance intrusion detection systems, secured SDN ecosystems using IOTA 2.0 smart contracts, and designed machine and deep learning models. With a curious and dedicated mindset, I am seeking an **end-of-studies internship (PFE)**.

SKILLS

SOC and Blue Team:
Wazuh, ELK Stack (Elasticsearch, Filebeat, Logstash, Kibana), Suricata, Zeek, TheHive, Cortex, MISP.

Automation:
n8n, Shuffle (shuffler.io).

Cloud, Virtualization & Containerization:
Microsoft Azure, DigitalOcean, VMware ESXi, Proxmox VE, Docker, Docker Compose.

Network Security:
TCP/IP, VLANs, VPNs, firewall regulations, IDS/IPS, SDN security (IOTA 2.0).

Networks and Infrastructure:
FortiGate, FortiSwitch, Cisco switching and routing, Dell EMC, and HPE servers.

Penetration Testing / Offensive Security:
Nmap, Wireshark, Nessus, OpenVAS, Burp Suite, Nikto, Gobuster, FFUF, Hydra, Metasploit, Bettercap, Dirsearch, John the Ripper, Hashcat, STRIX Agent.

Programming and Scripting:
Python, Bash, PowerShell, JavaScript, Java, React, SQL, Git and GitHub.

Data and Machine Learning:
Pandas, NumPy, Scikit-learn, Matplotlib, fundamentals of Keras/TensorFlow.

LANGUAGES

Arab	**French**	**English**
Native	Advanced	Advanced

EDUCATION

3rd year Engineering Student in Network and Computer Security — 2023 - Ongoing
ENIAD – National School of Artificial Intelligence and Digital Technologies, Berkane

DEUST in Mathematics, Computer Science, and Physics (MIP) — 2021 - 2023
FSTh - Faculty of Science and Technology, Al Hoceima

French Baccalaureate (Bac) in Physical Sciences — 2020 - 2021
Taha Hussein High School

PROJECTS

SOC / SIEM, SOAR & AI – ENIAD LAB — 2025
The implementation of an automated Security Operations Center (**SOC**) environment on virtualized **DELL EMC²** infrastructure utilizing **VMware ESXi** involves the integration of **Wazuh** for detection, **TheHive** for incident response, **Cortex** and **MISP** for analysis and enrichment, alongside **SOAR** automation through **Shuffle**, complemented by a **Gemini API** for intelligent incident creation. This setup facilitates proactive monitoring and centralized response for Windows endpoints and web infrastructures.

SIEM Detection Laboratory (ELK + Suricata + Zeek): — 2025
Deployment and configuration of a comprehensive **SIEM** environment on **Ubuntu**, utilizing **Suricata** and **Zeek** for real-time network traffic analysis and threat detection. Integration of **Filebeat**, **Elasticsearch**, and **Kibana** through **Docker** to effectively centralize, store, and visualize alerts.

IOTASDN – IOTA 2.0 Smart Contracts for SDN: — 2025
Development of a secure Software-Defined Networking (**SDN**) platform that integrates a **React** TypeScript frontend, a **Flask** backend utilizing **REST APIs**, the **Ryu SDN** controller, and **IOTA 2.0 smart contracts.** Implementation of decentralized access control, authority management, and denial-of-service (**DoS**) detection, enhancing the scalability and resilience of SDN environments.

PROFESSIONAL EXPERIENCE

End-of-Year Internship - EVERNEX Morocco — July - August 2025
Casablanca, Morocco

- Level 1 and Level 2 technical support, diagnosis, and incident resolution.
- Intervention on essential equipment in client Data Centers (HPE, DELL, EMC², etc.)
- **Technical Project**: Design and Virtual Deployment of a Data Center Solution - Maroc Telecom RAN 5G 2025
  - Preparation of Low-Level Design (LLD) for architecture.
  - Network deployment simulation using **EVE-NG**

CERTIFICATIONS

Fortinet NSE 1	Décembre 25, 2025
Fortinet NSE 3	Décembre 8 , 2025
Fortinet NSE 2	(En cours)
Cisco CCNA	(En cours)

EXTRA-ACADEMIC ENGAGEMENTS

In-Person Trainer – Git & GitHub
InnoVerse Club, ENIAD – Berkane
- Delivered hands-on workshops on Git fundamentals and collaborative GitHub workflows.

Co-Lead Trainer – Linux 101: Beyond the GUI
eCybersec Club, ENIAD – Berkane
- Co-led a Linux and security workshop covering CLI basics, SSH, and practical challenges.

Online Trainer – Introduction to Bash (Linux)
- Designed and delivered an online course on Linux fundamentals and Bash scripting.