



# 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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## 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 & Blue Team:

Wazuh, ELK Stack, Suricata, Zeek, log analysis, event correlation, and network traffic monitoring.

### Network Security:

TCP/IP, VLANs, VPNs, firewall policies, IDS/IPS, SDN security (IOTA 2.0).

### Network & Infrastructure:

FortiGate, FortiSwitch, Cisco switching/routing, Dell EMC<sup>2</sup> & HPE servers, and VMware.

### Pentesting :

Nmap, Wireshark, Nessus, OpenVAS, Burp Suite, Nikto, Gobuster, FFUF, Hydra, metasploit, bettercap, Dirsearch, John the Ripper, Hashcat.

### Programming & Scripting:

Python, Bash, PowerShell, JavaScript, Java, React, SQL, Git/GitHub.

### Data & ML:

Pandas, NumPy, Scikit-learn, Matplotlib, Keras/TensorFlow basics.

## 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-ENIAD LAB: Wazuh, TheHive, Cortex & MISP:

Designed and deployed a fully virtualized security monitoring environment on a DELL EMC<sup>2</sup> server using VMware ESXi. Implemented Wazuh for log collection and detection, integrated TheHive for case management, Cortex for automated analysis, and MISP for threat intelligence enrichment, enabling a complete end-to-end incident response workflow.

### SIEM DETECTION LAB (ELK + SURICATA + ZEEK):

Deployed and configured a complete SIEM environment on Ubuntu using Suricata and Zeek for real-time traffic analysis and threat detection.

Integrated Filebeat, Elasticsearch, and Kibana using Docker Compose to centralize, store, and visualize alerts efficiently:

- Achieved centralized visualization of Suricata and Zeek logs in Kibana dashboards
- Enhanced network visibility by monitoring live traffic and generating detailed security alerts

### IOTASDN – IOTA 2.0 SMART CONTRACTS FOR SDN:

Developed a security-enhanced SDN platform combining a React

TypeScript frontend, a Flask backend with REST APIs, the Ryu SDN controller, and IOTA 2.0 smart contracts. Implemented decentralized access control, authority management, and DoS attack detection to improve the scalability and resilience of SDN environments.

## PROFESSIONAL EXPERIENCE

End-of-Year Internship – EVERNEX Morocco  
Casablanca, Morocco

July – August 2025

- Level 1 and Level 2 technical support, diagnosis, and incident resolution.
- Intervention on essential equipment in client Data Centers (HPE, DELL, EMC<sup>2</sup>, 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

- Cisco CCNA – In Progress
- Fortinet NSE 1 – Completed
- Fortinet NSE 2 – Completed
- Fortinet NSE 3 – In Progress

## EXTRA-ACADEMIC ENGAGEMENTS

### In Person Trainer – Introduction to Git and GitHub:

Institution: ENIAD-Berkane Design and facilitation of workshops on Git and GitHub, providing support for students engaged in collaborative projects utilizing distributed version control.

### Online Trainer – Introduction to Bash (Linux)

Developed and presented an online course on the fundamentals of Linux and Bash scripting, featuring interactive sessions and practical exercises.

## LANGUAGES

Arab  
Native

French  
Advanced

English  
Advanced