

**Ilyass Agnaou**  
**Cybersecurity Engineer — Student in Cybersecurity and Digital Trust**  
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## Profile

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Cybersecurity-focused Computer Engineering student with a strong passion for designing secure systems, vulnerability detection, and network defense. Experienced in IDS/IPS technologies, network hardening, and system security. Motivated to contribute to innovative cybersecurity projects and protect digital infrastructures.

## Education

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<b>Cycle d'Ingénieur</b> , ENSET – Université Hassan II Specialization: Cybersecurity and Digital Trust	September 2023 – July 2026
<b>CPGE Technologie et Science Industrielles</b> , CPGE Salmane El Farissi Preparatory Classes for Engineering Schools (TSI)	September 2021 – July 2023

## Work Experience

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<b>Intern - Cybersecurity</b> , DGAPR Rabat	August 2024 – September 2024
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- Developed an Intrusion Prevention and Detection System (IPS/IDS) to detect, analyze, and block cyber threats in real-time.
- Implemented network security measures: firewall configuration, access controls, and monitoring tools to protect against internal and external threats.

## Projects

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- **Web Application for Managing Security Logs BLADE**: BLADE, a project aimed at enabling real-time Insider Threat Behavior Analysis and Prediction based on Linux system logs. This repository combines the power of Jupyter Notebooks, Python, and Streamlit to ingest, visualize, and classify log entries—helping security teams detect suspicious activity swiftly.
- **Penetration Testing Tool**: Created a tool using Python and Scapy to automate network scanning and vulnerability detection.

## Skills

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**Languages:** Arabic (Native), English (Fluent), French (Fluent)

**Technical Skills:** C/C++, Java, Python, JavaScript, Linux, Docker, Git/GitHub, Wireshark, Cloud Security, Artificial Intelligence, Machine Learning

**Cybersecurity:** IDS, Threat Management, Network Hardening, Firewalls, Access Controls

## Certifications and Online Profiles

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- Credly Profile: <https://www.credly.com/users/ilyas-agnaou>