Imane Kimissi

Future engineer in Network Systems and Programmable Services

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PROJETS

Building an Intrusion Detection System (IDS) with Machine Learning Using Zeek and an Autoencoder : Developed a robust Intrusion Detection System (IDS) leveraging **Zeek** (formerly Bro), an advanced network analysis framework. Integrated machine learning techniques using an **Autoencoder** trained on normal network behavior activities to detect anomalous behaviors indicative of potential security threats.

OpenVPN Server on AWS Cloud Services : Configuration and deployment of an **OpenVPN** server on **AWS** Cloud Services for secure remote access.

Blog with User Management : Creation of a dynamic website using **Flask** and **Bootstrap**, allowing users to log in, log out, and interact via comments. Additionally, administrative features have been implemented to facilitate blog management, including content creation, modification, and deletion.

PHP Authentication System with Cookie-Based Auth and Secure Image Upload : Developed a PHP-based authentication system using cookies to manage user sessions and permissions. Implemented user-specific page access and secure image upload functionalities.

EDUCATION

2024-2022 — **2nd Year of Engineering Cycle - Network, System, and Programmable Service Track**
National School of Applied Sciences, Marrakech

2022-2020 — **Preparatory Cycle**
National School of Applied Sciences, Marrakech

2020-2019 — **Baccalaureate in Physical Sciences, French Option - with Honors (Very Good)**
Azzouzia High School, Marrakech

FORMATION

Mar. 2024 — **Docker Essentials: A Developer Introduction**
Learned to use Docker for application deployment, including creating and running **containers**, managing production environments, and solving **orchestration** challenges like high availability and service discovery.

Dec. 2023 — **100 Days of Code**
Mastered **Python** programming by building 100 unique projects over 100 days.

Sep. 2023 — **HCIA-Datacom V1.0 Certificate**
Learned **routing** and **switching** principles, basic **WLAN** principles, and fundamental network **security concepts**.

SKILLS

Html / CSS / Java script
Python
SQL / PHP
Exel / word / Latex
Flask
Docker / Ansible / Kubernetes
Terraform
Git / GitHub
Tensorflow

LANGUAGES

Arabic
French
English

INTERESTS

Graphic Design
Music
Paint
Philosophy