

NABBAR Oussama

mreckah.github.io/NABBAR-s-Portfolio/  
github.com/mreckah

+212 674-807105  
m.reckahwalt@gmail.com  
linkedin.com/in/nabbar-oussama

Computer Engineering Student - Big Data & Cloud Computing

PROFILE

Engineering student specializing in Big Data and Cloud Computing at ENSET Mohammedia. Passionate about data engineering and Artificial Intelligence, I aim to develop innovative solutions in machine learning, big data processing, and distributed systems.:

EDUCATION

ENSET (École National Supérieure de l'Enseignement Technique)	Sept. 2023 – Present
Engineering Program – Computer Science, Big Data & Cloud Computing	Mohammedia, Morocco
Technical High School, CPGE (Preparatory Classes)	Sept. 2021 – Aug. 2023
Industrial Sciences and Technologies Track	Mohammedia, Morocco
Elkhawarizmy High School	Sept. 2018 – Aug. 2021
Electrical Sciences and Technologies	Casablanca, Morocco

EXPERIENCE

Internship – Anomaly Detection System	
ES Atlas Cloud Services, Benguerir, Morocco	06/2024 – 07/2024
<ul style="list-style-type: none"><li>Built an ML-based anomaly detection system for network logs using Isolation Forest and K-Means clustering.</li><li>Applied data preprocessing and feature selection to boost detection accuracy.</li><li>Analyzed traffic patterns to classify cyberattacks (DDoS, brute force, scan, etc.).</li></ul>	

PROJECTS

SOUK Platform (Hackathon – 3rd Place, ENSET Mohammedia)	05/2025
FastAPI, SQLite, OpenRouter API	
<ul style="list-style-type: none"><li>Built an accessible eCommerce platform to help people in wheelchairs buy and sell products with ease.</li><li>Integrated an AI chatbot that suggests winning product ideas and supports store/product management.</li><li>Focused on accessibility features such as keyboard navigation, speech support, and audio feedback.</li></ul>	
Jumia Price Scraper & Chatbot Assistant	05/2024
Python, BeautifulSoup & Flask	
<ul style="list-style-type: none"><li>Developed a Python-based scraper using BeautifulSoup to extract product names, prices, and images from Jumia.</li><li>Integrated a Flask-powered chatbot that helps users find deals, compare products, and answer price-related queries.</li></ul>	
Water Potability Prediction	03/2025
Machine Learning & Flask	
<ul style="list-style-type: none"><li>Created a water potability prediction system with a Flask backend. Used machine learning models to analyze environmental data and send alerts.</li></ul>	
Space Game	01/2025
Java & FXGL	
<ul style="list-style-type: none"><li>Developed a 2D space game in Java using FXGL: entity management, collision detection, and game logic.</li></ul>	

SKILLS

- Programming:** Python (Flask, Django, Scikit-learn), C, C++, Java, JavaScript
- Machine Learning:** Regression, Classification, Clustering, Isolation Forest, K-Means, Data Preprocessing
- Web Development:** HTML, CSS, Bootstrap, Spring Boot, Java EE, React Js, Angular
- Databases:** MySQL, PostgreSQL, H2
- Tools:** Git, Github, Docker, Jupyter, Postman
- Operating Systems:** Windows, Linux
- Modeling & Methods:** Merise, UML

LANGUAGES & SOFT SKILLS

Languages: Arabic — Fluent		French — Professional		English — Professional
Soft Skills: Teamwork		Time and Priority Management		Adaptability and Flexibility