



Manar-Elhouda BADRE-EDDINE

As a second year engineer student in Big Data & Cloud Computing at ENSET Mohammedia - Morocco, I have a strong background in statistical analysis and machine learning algorithms. Efficient in Programming languages such as C, C++, Java and Python, and also at using various Big Data technologies such as Hadoop, Spark and NoSQL databases. With my calm attitude and my ability to work under pressure, I approach problems with an analytical mindset.

Contact

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[MANAR-ELHOUDA BADRE-EDDINE](#)

Portfolio

<https://manar13297.github.io/index.html>

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Education

2021-2023

**Computer Engineering Degree
in Big Data & Cloud Computing**

ENSET Mohammedia - Morocco

2019-2021

**DUT in Business Intelligence &
Data Science**

EST Essaouira - Morocco

Certifications

2023

M001 - MongoDB Basics

2022

**NDG Linux Unhatched
Cisco Networking Academy**

2021

**Synchronous Global
Understanding
Global Partners in Education
Program - Morocco & Poland**

Languages

Anglais	Advanced	C1
Francais	Proficient	C2
Arabe	Langue maternelle	

Interests

Camping

Music

Recycling

Experience

2022 - The Court of Cassation - Rabat Observational internship

- Observe the Datacenter of the Court of Cassation and understand the Cloud infrastructure of its network.
- Receive and respond to technical problems from the staff of the Court of Cassation
- Intervene to solve technical problems.

2021 -The Regional Sub-Directorate of the Ministry of Justice in Khouribga End of studies internship

Develop an inventory management web application with Django.

2020 - The Regional Sub-Directorate of the Ministry of Justice in Khouribga End of year internship

Develop a web application for internal mailing using FLASK

Projects

Parallel implementation of the Genetic Algorithm with an Island Model using Multi-Agent Systems with the Java language and utilizing the Jade framework.

Implementation of the Q-learning algorithm using multi-agent systems with the Java language using the Jade framework.

Development of a web application for digital banking using Angular and Spring Boot.

Design and development of a web application of internship management using Angular and Spring Boot.

Datawarehousing and reporting (End of studies project - DUT)

- Implementation of a data warehouse using SQL Server
- Python for ETL
- Reporting with Power Pivot

Organizing a workshop for high school students under the slogan:"Recycling, An Art to Learn."

Skills

- Ability to learn quickly and conduct effective googling.
- Ability to solve problems independently.
- UML and Merise modeling.
- Development in Python, Java, and C++.
- Working with frameworks such as Django, Node.js, Spring Boot, and Jade.
- Working with Big Data tools: Hadoop, Spark, Sqoop, MongoDB.
- Working with Github.

Organizations

Club ENSPEC - ENSET MOHAMMEDIA

Treasury manager.

Rissala Association for Education and Camping

Second degree summer camp counselor.