



# SAAD MBARKI

## DATA ENGINEERING STUDENT

### PROFESSIONAL SUMMARY

I'm a last year data engineering student at the School of Information Sciences in Rabat. Hard worker, motivated, skillful, self-organized and passionate about AI, I'm looking for an End of Study Internship (PFE).

### CONTACT INFO

- ✉ saad.mbarki99@gmail.com
- ☎ +212633928163
- 📍 107 Lot El Fath, 25350, OUEDZEM
- 🌐 <https://www.linkedin.com/in/saad-mbarki-252352195/>
- 🐙 [saadmbarki9](https://saadmbarki9.github.io/My-digital-Portfolio/)
- 📄 <https://saadmbarki9.github.io/My-digital-Portfolio/>

### AWARDS

- 3rd prize winner of H-LSID hackathon organised by ENSET Mohammedia

### CORE COMPETENCIES

#### Soft skills

- Adaptability
- Ethical
- Critical-Thinking
- Stress Management
- Problem-Solving

#### Hard skills

- Programming Languages: Python - R - Java JEE
- Cloud Computing: Azure-GCP-AWS
- SGBD: SQL Server - Postgress-MY SQL-data Warehousing
- Machine Learning: Linear Regressing - Clustering - Classification
- Office automation: office 365
- Modelling language: UML
- Business intelligence: SSIS-SSAS-BSC
- Project Management: Agile scrum

### LANGUAGES

- **Arabic:** native
- **English:** professional competence
- **French:** professional competence

### Experience

#### Data Engineer | Internship

MARSA MAROC (Head office), Casablanca | July-August 2022

- Design and implementation of a decision-making system
- formulated clear data model for business to make clear decisions with SSMS.
- Implementation of an ETL process with SSIS.
- generate OLAP Cube with SSAS.

#### Python Developer | Internship

MARSA MAROC (Nador port), Nador | July-August 2021

- Development of an application for the management of archives using Python for both backend and frontend and Microsoft SQL Server as source of data

### Education

- DATA AND KNOWLEDGE ENGINEERING STUDENT  
ESI, Rabat-Morocco | 2020-Now
- MATHEMATICS, PHYSICS AND ENGINEERING  
CPGE, Khouribga-Moroco | 2017-2020

### Projects

- Design and implementation of a decision-making system dedicated to the management controls of the purchasing departments : SQL Server-SSMS-SSIS-SSAS
- Machine learning model to predict the happiness of customers of a company : Linear Regressing (Python)
- Predict the percentage of marks of a student based on the number of study hours. (Supervised Machine Learning)
- CHATBOT to help make decisions at the educational level: NLP (Python).

### Licences et certifications

- [Supervised Machine Learning: Regression and Classification](#) : **Coursera & DeepLearning.AI**
- [Databases and SQL for Data Science](#): **Coursera & IBM**
- [Python for Data Science and AI](#): **Coursera & IBM**
- [Data Analysis with Python](#): **Coursera & IBM**
- [Data Science Orientation](#): **Coursera & IBM**