# DATA SCIENCE MASTER's GRADUATE

## MOHAMED BEN SALEH

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## HARD SKILLS

- **Machine Learning**
- Proficient in Decision Tree, Linear & Logistic Regression, PCA, K-Means, Naive Bayes and CNN
- **Data Visualization**
- Python libraries: Matplotlib, seaoborn
- PowerBI
- **Database Management**
- Proficient in PL/SQL for relational databases
- NoSQL databases
- **Programming Languages**
- Proficient in Python, R, C & C++
- Familiar with Java

## SOFT SKILLS

- Active Listener
- Committed and Detail-Oriented Worker
- Problem Solver with a Creative Approach

## INTERESTS AND CLUBS

- Actively participated in social and sports clubs during my university years, fostering a holistic understanding of social dynamics.
- Engaged in the Dynamic Robotic Club at FSM University, I served as the group leader and developed "Phoenix," a line-following robot. I actively participated in various competitions.

## LANGUAGES

- Arabic Native
- English C1
- French B2
- German A2

## PROFILE

I am a Data Science graduate with a strong background in Machine Learning, Data Visualization, and computer systems engineering. I am eager to apply my skills to solve real-world problems and contribute to impactful projects.

## EDUCATION

**Data Science Master** | Sep 2022 - Nov 2024

Monastir University, Faculty of Science

**Bachelor of Computer Science (IoT & Embedded systems)** | Sep 2019 - Jun 2022

Sousse University, ISITCom Hammem Sousse

## ACADEMIC PROJECTS

- Sentiment Analysis scanner | Nov 2023

Developed a sentiment analysis scanner using machine learning techniques. Applied ML algorithms including Naive Bayes, SVM, and AI techniques such as Recurrent Neural Networks (RNN).

**Skills & Tools:** ML : Naive Bayes, SVM, AI: RNN, HTML,CSS,JavaScript, Python:Tensorflow,Pytorch.

## PROFESSIONAL EXPERIENCE

**Ste Dnext Services | Internship** | Feb- July 2024

**Data Scientist**

- Conducted a comprehensive analysis of demand and supply for grains and oilseeds in the EU.
- Built an AI model using LSTM to predict cereal prices for 2025.
- Created dashboards and visualizations in Power BI .

**Skills & Tools:** Python, Power BI, Excel, AI Modeling (LSTM).

**Bus Software | Internship** | Feb- May 2022

**Embedded system developer**

- Real-time Bus Station Estimator System

Created a system enabling travelers to estimate bus arrival time and the next stop in real-time.

**Skills & Tools:** SQL, C&C++, Arduino, Geolocation, Electronics and Networking.

**AVIONAV | Internship** | Aug-Sep 2021

**Embedded system developer**

- Aircraft Trim System

Developed an electronic dashboard with a servo motor using Arduino for pilot control.

**Skills & Tools:** C, Arduino, STM, Network Design, Electronics.