



WAJIH JOUINI

Data Science Engineering Student

Final-year engineering student specializing in Data Science within the Computer Engineering program at the Faculty of Sciences of Tunis. Currently seeking a final-year internship to apply and expand my expertise.

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Tunis, Tunisia

jouini-wajih

jouini-wajih

<https://jouini-wajih.github.io/>

LANGUAGES

- Arabe (native)
- Français
- Anglais
- German (ÖSD A2 Certificate)

CERTIFICATIONS

- Microsoft AI-900 : Azure AI Fundamentals
- Microsoft DP-900 : Azure Data Fundamentals
- Microsoft AZ-900 : Azure Fundamentals
- Coursera : Machine learning

ACTIVITIES

- Active Member, Optima Junior Enterprise FST
- Volunteer at the Red Crescent

PROFESSIONAL EXPERIENCE

BFI Groupe
Summer Internship

20/06/2024 - 20/08/2024 **Tunis, Tunisia** · On-site

Integration of AI Solutions in an Online Bank Account Opening Platform

- Led the development of an AI chatbot, automated ID verification, and similarity detection for an online banking platform.
- Enhanced security and user experience in digital banking through AI and automated verification systems.

Geocore Services Germany
Summer Internship

15/05/2024 - 15/06/2024 **Germany** · Remote

Analysis and Prediction of Churn Rate Among Tunisia Telecom Customers

- Built an app for real-time core sample visualization and rock classification.
- Improved in geological data analysis and real-time processing.

Tunisie Telecom
Summer Internship

12/06/2023 - 14/07/2023 **Tunisia** , Tunis

Core Visualization & Rock Classification for Mineral Discovery

- Led a churn rate analysis project with 93% accuracy using Python and machine learning.
- Presented conclusions and recommendations to the executive management for strategic decisions based on data insights.

PROJECTS

Football Performance Analysis

- Developed computer vision algorithms to analyze player movements and team dynamics, providing performance insights.
- Delivered actionable insights through data visualization, supporting coaches and analysts in making informed strategic decisions to optimize team performance.

Facebook Scraper for Tunisian Offensive Language Detection

- Designed a keyword-based Facebook scraper to collect posts and comments in Tunisian dialect for offensive language analysis.
- Implemented natural language processing algorithms to identify and categorize offensive content in scraped data.

Success Study Website

- Led and managed the development of a global student-university matchmaking platform.
- Built the platform using **React.js**, **Node.js**, **MongoDB**, and deployed it on a **Linux** with **Nginx**.
- Implemented Agile methodologies and Scrum for effective project planning and execution.

EDUCATION

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|---|---|
| Data Science Engineer Program | Faculty of sciences of Tunis 2022-Present |
| Integrated Preparatory Program | Faculty of sciences of Tunis 2020-2022 |
| Baccalaureate in Experimental Sciences | Mention Bien 2019-2020 |

SKILLS

- **Programming Languages:** C | C++ | Java | Python | Shell | Javascript | Typescript | R
- **Databases:** Database Design and Administration | Oracle | MySQL | NoSQL | MongoDB | Cassandra
- **Data science :** Data Analysis | Machine Learning | Business Intelligence (BI) | Natural Language Processing (NLP) | Large language model (LLM) | Convolutional Neural Networks (CNN) | Supervised Learning | Unsupervised Learning | TensorFlow
- **Big Data Frameworks :** Hadoop | Spark | Talend | Hive
- **Web Development Frameworks :** ReactJs | ExpressJs
- **Version Control:** Git | Github