



ABDERRAHMAN SALHI

A motivated Data Scientist Student , with a knack for solving real-world problems and visualizing data to facilitate informed decision-making.

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☎ 0646819578



EDUCATION

- **Master – Data Science**
Faculty of Sciences Semlalia Marrakech
2022–2024
- **Bachelor's degree in mathematics and computer sciences**
Faculty of Sciences Semlalia Marrakech
2018 –2022
- **Scientific baccalaureate – Option Mathematics B**
Royal Preparatory College for Aeronautical Techniques Marrakech
2017 –2018

Skills

- **Programming languages :**
Python , R , SQL , C , C++
- **data science :** Machine Learning , Regression , Classification , Forecasting , Deep Learning, Computer Vision , NLP , reinforcement learning
- **data science tools :**
Pandas , Numpy , Matplotlib , Seaborn , Scikit-learn , Tensorflow , Keras , PyTorch...
- **big data :**
Hadoop , Spark , Hbase , Zookeeper , kafka
- **business intelligence tools :**
Power BI , Pentaho
- **Web Scraping :** Scrapy , BeautifulSoup
- **Web technologies :**
HTML , CSS , JS , Django

PERSONALITY

- Creative
- Self & Quick learner
- Curious
- Adaptability
- Team worker

Languages

Arabic English French

PROFESSIONAL EXPERIENCE

Internship | Web Developer 2022 / 2 months

Laboratory ISI MARRAKECH

Mission :

- Design and development of a web application based on gamification for soft skills training.

Projects

Mobile App for Post-Earthquake Crack Type Detection in Buildings

- Developed a mobile app for rapid identification of building crack types post-earthquakes, employing advanced image processing and deep learning algorithms.

Technologies : Data collection , annotation and augmentation , Tensorflow , Scikit learn , CNN , InceptionV3 ...

Real-time Vehicle Tracking and Speed Estimation

- Developed a YOLOv8-based project for real-time vehicle tracking, counting entries and exits, and estimating speeds.

Technologies : YOLOv8 , OpenCV , Numpy , DeepSort , PyTorch ...

Offensiveness detection in Arabic with geographic disaggregation

- Developed an Arabic offensiveness detection system with a focus on diverse dialects, including Moroccan Darija, Algerian Arabic, Egyptian Arabic, and Tunisian.

Technologies : Web Scraping , Tensorflow , Scikit learn , matplotlib , pandas , NLTK , GRU , AraBERT, streamlit

Ask Your PDF

- A chatbot project I developed that can answer questions based on a specified PDF document.

Technologies : Python , LLMs , PALM2 , PyPDF2 , langchain , streamlit

Certificats

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| • IBM | IBM Data Science Professional Certificate |
| • IBM | IBM AI Engineering Professional Certificate |
| • coursera | Python for Data Science, AI & Development |
| • coursera | Advanced Computer Vision with TensorFlow |
| • coursera | Natural Language Processing Specialization |

Interests

University Clubs

- Member of the FSSM IT club

Volunteering work

- Last experience: volunteering for three months in Rotaract menara Marrakech club