Ahmed MELLIT

Final-year engineering student at the School of Information Science (ESI).

Looking for an end-of-study internship in Data Science or Data Engineering.

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EDUCATION

Digital Information Engineering
The School of Information Science (ESI)

09/2021 - Present   *Rabat*

High School Preparatory Classes
CPGE Ibn Ghazi

09/2019 - 06/2021   *Rabat*

DATA-DRIVEN PROJECTS

Data Science
- I have worked on impactful Data Science projects, focusing on the strategic integration of Natural Language Processing (NLP) to enhance search engine functionality, improve chatbot performance, and refine sentiment analysis for E-Reputation purposes. I implemented Machine Learning (ML) and Deep Learning (DL) algorithms to strengthen fraud detection capabilities, resulting in heightened system precision. Additionally, I played a pivotal role in revolutionary computer vision endeavors, such as pioneering a sign language translator and advancing an autonomous vehicle system with cutting-edge segmentation and object detection features. I have a proven track record of innovation, consistently delivering solutions that bridge technological advancements with human needs.
- **Python · TensorFlow · AWS (SageMaker) · LangChain**

Data Engineering & Cloud Computing
- Steered end-to-end data engineering initiatives, exhibiting expertise in crafting resilient solutions. Masterminded a dynamic ETL pipeline on AWS, leveraging Glue, Athena, Lambda, and Redshift to ensure fluid data processing. Executed a sophisticated data pipeline for the X platform, employing Airflow and AWS services alongside efficient data collection methods. Spearheaded the cutting-edge realm of real-time stock market data analysis, seamlessly integrating Kafka, AWS infrastructure, and Python. Demonstrated adeptness in harmonizing diverse technologies, underscoring a versatile skill set vital for crafting scalable and efficient data solutions.
- **Python · PostgreSQL · Airflow · PySpark · AWS (Athena, Glue, Redshift, S3, IAM, Lambda, Quicksight) · Data Scraping**

EXPERIENCE

Data Scientist (Internship)
Customs and Indirect Taxes Administration

07/2023 - 09/2023   *Rabat*

I have used Machine Learning (ML) and Deep Learning (DL) models for Natural Language Processing (NLP) in the field of fraud detection. My role included model development and deployment, aiming to optimize accuracy and efficiency.

Skills : Flask · Data Scraping · TensorFlow · Graph Neural Networks (GNN) · Natural Language Processing (NLP)

TECHNICAL SKILLS

Python | R | PowerBI | SQL (PostgreSQL, MySQL)

NoSQL (MongoDB) | Hadoop | Airflow | Kafka

AWS (Athena, Glue, Redshift, S3, IAM, Lambda, Quicksight, SageMaker)

Docker | Flask | FastAPI | Automation (Selenium)

CERTIFICATES

AWS Cloud Quest: Cloud Practitioner
Amazon Web Services (AWS)

The Business Intelligence Analyst Course
Udemy

Data Analytics Fundamentals
Amazon Web Services (AWS)

Data Science: Transformers for Natural Language Processing (NLP)
Udemy

Machine Learning: Natural Language Processing in Python
Udemy

Machine Learning, Data Science and Deep Learning with Python
Udemy

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Professional Working Proficiency

French
Professional Working Proficiency

PROFESSIONAL SKILLS

Project management | Problem solving | Teamwork

Continuous learning