

Ahmed MELLIT

Engineering Student at the School of Information Science [ESI]

Seeking an end-of-studies internship (PFE) in Data Engineering or Business Intelligence (BI)



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EDUCATION

Digital Information Engineering

The School of Information Science [ESI]

09/2021 - Present

Rabat

Higher Schools Preparatory Classes [CPGE]

CPGE Ibn Ghazi

09/2019 - 06/2021

Rabat

DATA-DRIVEN PROJECTS

Data Engineering and ETL

- Executed data engineering and ETL projects, showcasing expertise in data modeling, ETL job creation, and data pipeline development. Proficient in Python, SQL, and data scraping (**Twitter Data Pipeline using Airflow**).

Cloud Computing

- I've showcased my Cloud expertise through successful data projects in both Azure and AWS. I harnessed key services including Athena, Glue, Redshift, and S3, prioritizing data storage, processing, and analysis to deliver impactful results.

Real-Time Data Streaming and Analysis

- Spearheaded and managed real-time data analysis initiatives using Kafka and AWS, enabling timely data processing, transformation, and insights generation (**Stock Market Real-Time Data Analysis & ETL Pipeline on AWS Cloud**).

Business Intelligence & Reporting

- I have a strong command of data visualization tools, including Tableau and PowerBI. These platforms have been pivotal in my academic journey, enabling me to transform complex data sets into insightful, visually appealing reports and dashboards.

Internet of Things (IoT)

- Conceived and implemented a cutting-edge '**Self-Driving Car IoT Prototype**' project, harnessing the power of Computer Vision, Cloud, and Sensors to pave the way for the future of autonomous vehicles. Crafted a physical prototype infused with IoT sensors, integrated Computer Vision algorithms, and established seamless Cloud connectivity for real-time data processing.

EXPERIENCE

MLOps Intern

Customs & Indirect Taxes Administration

07/2023 - 09/2023

Rabat

I employed ML & DL models for NLP in the realm of fraud detection. My role included end-to-end design and deployment, optimizing accuracy and efficiency.

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

TECHNICAL SKILLS

Python

Java

Tableau

PowerBI

SQL (Postgres & MySQL)

NoSQL (MongoDB)

AWS (Athena, Glue, Redshift, S3, IAM)

Azure

Airflow

Hadoop

Apache Spark

PySpark

Kafka

Docker

Flask

Automation (Selenium)

LATEST CERTIFICATIONS

AWS Cloud Quest: Cloud Practitioner

Amazon Web Services (AWS)

IBM Cloud Essentials V3

IBM

Perform DevOps on IBM Cloud

IBM

Big Data 101

IBM

The Business Intelligence Analyst Course

Udemy

Data Analytics Fundamentals

Amazon Web Services (AWS)

Data Scraping with Scrapy and Selenium

Udemy

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Professional Working Proficiency

French

Professional Working Proficiency

PROFESSIONAL SKILLS

Project Management

Problem-solving

Teamwork

Continuous Learning