



MOHAMED AJIMI

DATA ENGINEER INTERN
AT AGILIZ



Contact



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Skills & Tools

Programming languages

Python R SQL JAVA

Tools

- AWS
- GCP
- NumPy
- PyTorch
- Scikit learn
- OpenCV
- TensorFlow
- QlikSense
- Docker
- Pandas
- PowerBI
- Kubernetes

Skills

- Data Analysis
- Data Wrangling
- Data Cleaning
- ETL Processing
- Data Pipeline designing
- AWS & Google Cloud
- Machine Learning
- Computer Vision
- Anomaly Detection
- Deep Learning



Languages

- English : Full Professional Proficiency
- French : Full Professional Proficiency
- Arabic : Native



About Me

I am a driven and methodical data engineer with a passion for artificial intelligence, bringing a solid foundation in both disciplines.

My commitment to precision and excellence, coupled with my collaborative spirit, positions me as a valuable asset to any forward-thinking team.



Education

Data Science & AI

2022 -2024 - [Thomas More Belgium](#)

Electical Engineering

2016 -2018 - [ENSIT Tunisia](#)



Experience

Data Engineer Internship

2024 - [Agiliz - Kontich, Antwerp](#)

- Executed an end-to-end project on data maturity utilizing Google Cloud Platform and BigQuery, focusing on designing efficient data pipelines.
- Developed a comprehensive dashboard using Looker to visualize insights and enhance data-driven decision-making.

Esport Team Manager

2020 -2021 - [Majesty Tunisia](#)

- Ensured the team remained at the cutting edge of the esports industry through continuous improvement and adaptation.
- Fostered team unity and a positive team culture, crucial for sustained success in the esports landscape.

Electrical Engineer

2018 -2020 - [STEG Tunisia](#)

- Developed and executed test procedures for electrical components, ensuring products met quality specifications.



Projects

AI Model for Anomaly detection (Collab with RideOnTrack):

- Developed an anomaly detection system for Belgian train tracks using machine learning and computer vision.
- Created and implemented a segmentation model and an autoencoder to enhance anomaly detection capabilities.
- Utilized a YOLOv8 model for train signal recognition, achieving 91% accuracy.

Airbnb ETL and Analytics Dashboard (Collab with EpicData):

- Led an ETL project to process Airbnb data, aiming to enhance host experiences and revenue through a tailored QlikSense dashboard.
- Utilized advanced data integration and visualization techniques to empower hosts with informed decision-making capabilities.

Scalable Crop Data Management on AWS:

- Designed a data pipeline adhering to the Medallion architecture method, utilizing AWS tools like AWS Glue, Amazon S3, AWS Lambda, Amazon Redshift, and Amazon Athena for efficient data processing and storage.
- Conducted data wrangling on a significantly large crop dataset, optimizing for accuracy and insight extraction through scalable and serverless data transformation tasks.