WALID BIROUK

AI and Data Science enthusiast with a Bachelor's degree in AI from Thomas More, having a solid foundation in Mathematics and Informatics. Knowledgeable in data management, data observability, and developing ETL data pipelines. Capable of translating business requirements into technical implementations and enhancing data quality.
Fluent in English and proficient in French, with strong communication and problem-solving skills.

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🏠 Geel, Belgium

👥 Linkedin

🌐 Portfolio

LANGUAGE

- English (Fluent)
- Français (Proficient)
- Arabe (Native)

PROFESSIONAL SKILLS

- Autonomy
- Proactivity
- Teamwork
- Communication

INTERESTS

- Mixed Martial Arts
- Free Diving
- Data Science

EXPERIENCE

Data Engineer Intern   02/2024 - 05/2024
Algorhythm - Turnhout - Belgium

- Conducted a comparative study of data observability tools.
- Developed and validated evaluation criteria with stakeholders.
- Built and hosted a Dockerized modern data stack on AzureVM integrating Airflow, Airbyte, dbt, Spark, Hive Metastore, S3, and Postgres.
- Implemented a POC for data quality and metadata management using OpenMetadata.
- Engaged vendors for pricing and feature details of shortlisted tools.
- Documented findings and presented recommendations, receiving positive feedback from mentors and industry professionals.

Software Developer Intern   03/2021 - 06/2021
Algérie Telecom - Jijel - Algeria

- Developed and maintained front-end features for queuing systems using Laravel framework.
- Assisted in the design and implementation of user interfaces.

Warehouse Worker (Student job) 2023 - 2024 (Active)
Bleckmann grobbendonk, Bouwel, Belgium

- Collected clothing orders using a hand scanner.
- Ensured accurate and efficient order picking while maintaining high-quality standards.

EDUCATION

Thomas More University
Bachelor of Applied Computer Science (Artificial Intelligence)
2021 - 2024

University of Jijel
Bachelor of Mathematics and Informatics
2018 - 2021

PROJECTS

Azure Databricks, ADLS Gen2 Pipeline
- Developed ETL pipelines for data analytics.
- Technologies: PySpark, Spark SQL, Delta Lake, ADLS

Airbnb BI Dashboard
- Created an interactive BI dashboard for Airbnb data.
- Technologies: QlikView, JavaScript

Office Occupancy Predictor (AI & APP)
- Developed a time series model using Facebook Prophet coupled with a React App
- Technologies: React, Facebook Prophet, Flask API

More details can be found on my portfolio website