

ZAKARIAA BOHSINE

DATA SCIENTIST / PYTHON DEVELOPER

EXPERIENCE

DATA SCIENTIST

Scientiae

oct 2023 - Present

- Designing and implementing ETL pipelines using Apache Airflow to extract, transform, and load data efficiently from multiple sources.
- Leading web scraping projects across social media platforms using tools like Playwright, Selenium, and Scrapy.
- Developing AI models for face recognition and sentiment analysis using deep learning techniques.
- Creating and deploying APIs for AI models with Django, ensuring seamless system integration.
- Engineering and optimizing graph-based data storage solutions with Neo4j and Neomodel.

DATA ENGINEER

Huawei

jan 2023 - oct 2023

- collecting, processing, and analyzing operator's data to derive valuable insights.
- designing and implementing efficient data pipelines for large-scale data processing and storage.
- Worked on data integration and ETL processes, ensuring smooth data flow between different systems and platforms.

DATA SCIENTIST INTERN

Technocollabs

sep 2022 - nov 2022

- Scraping and processing songs features in order to build a predictive model using machine learning algorithms.
- Deploying the model using Django framework

QUALITY ANALYST

Majorel

oct 2019 - aug 2022

- Quality analysis of the activity.
- Implementation of action plans.

CONTACT

 +212 6 11 38 91 89

 zakariaahohsine@gmail.com

 zakariaahohsine@gmail.com

 Palmier Maarif Casablanca

 @zakariaahohsine

 [@zakariaahohsine](mailto:zakariaahohsine@gmail.com)

 [@zakariaahohsine](https://github.com/zakariaahohsine)

SUMMARY

Experienced Data Scientist and Data Engineer with expertise in building scalable data pipelines, web scraping, and developing machine learning models. Proficient in Python, Django, and cloud platforms (AWS, Azure). Skilled in leveraging advanced tools and frameworks like Apache Airflow, Neo4j, TensorFlow, and Docker to deliver data-driven solutions and insights. Proven ability to integrate data engineering and AI techniques for impactful results.

EDUCATION

2021-2023

NATIONAL SCHOOL OF APPLIED SCIENCES OF KENITRA

Master BIG DATA AND BUSINESS INTELLIGENCE

2018-2019

HIGHER SCHOOL OF TECHNOLOGY AGADIR

Professional Bachelor's Degree in Maintenance and Operating of Industrial Installations

2016-2018

HIGHER SCHOOL OF TECHNOLOGY CASABLANCA

University Degree in Technology in Electrical Engineering

PROJECTS

Data Pipeline with Airflow and Python

Extracted data from Twitter, transformed it with Python, and deployed the code on Airflow on an EC2 instance. The final data is saved to Amazon S3

Django API

Created an API using django for several AI tasks such as : face detection, object detection.

Sudoku solver

A model that scans and solves sudoku problems using computer vision and OCR techniques.

Web scraping

Collected and analyzed data from websites and social media platforms.

Cat/dog classification model

Created a cat and dog classifier using a deep learning model in Python (CNN) to predict the animal.

SKILLS

Programming languages:

- Python
- R
- C
- JAVA
- SQL
- NEXT.JS
- REACT
- HTML
- CSS

Software / Tools:

- **Data Processing:** Apache Spark, Hadoop
- **ETL & Data Pipelines:** Apache Airflow, Kafka, Talend
- **Data Warehousing:** AWS S3, Amazon Redshift, Azure Synapse, Google BigQuery
- **Cloud Platforms:** AWS, MS Azure, IBM cloud
- **Web Scraping:** Playwright, Selenium, Scrapy, BeautifulSoup
- **Machine Learning & Deep Learning:** Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Jupyter Notebooks
- **API Development & Testing:** Django, Postman
- **Data Management:** Redis, Celery, Neo4j, Neomodel, RabbitMQ
- **Containerization:** Docker
- **Version Control:** Git
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Operating Systems:** Linux/Unix