

# YOSR DRIRA

Engineering student at IMT Atlantique, seeking an End-of-studies internship in Data Science, available from April 2026

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## TECHNICAL SKILLS

**Languages:** Python, SQL, Hive, Presto, Matlab, R, Java.

**Libraries:** Pandas, PyTorch, Scikit-learn, OpenCV..

**Visualization:** Plotly, Tableau, PowerBI, Excel.

**Big Data:** Spark, HDFS, Hadoop, Presto, Hive, Vertica.

## EDUCATION

Aalborg University - Copenhagen, Denmark

Sep 2025 – Jan 2026

MSc in Innovative Communication Technologies and Entrepreneurship

– Key courses: Data Mining & Analysis • Privacy Engineering • Enterprise Security & Compliance.

IMT Atlantique - Brest, France

2022 – présent

Engineering degree in Data Science

- Data Science: Artificial Intelligence (Learning, Optimization) – Probability and Statistics (Inferential Statistics, Statistical Modeling) – Databases and Data Mining (Data and Text Mining) – Object Oriented Programming.
- Image: Computer vision, Image Processing, Algorithms for object classification and detection.

## EXPERIENCES

Product Data Scientist - Internship - Criteo - Paris, France

Jan 2025 - Jul 2025

Forecasting, Measurement & Automation

- Analyzed large-scale datasets to extract actionable insights supporting both strategic and operational objectives.
- Optimized forecasting pipelines in partnership with R&D and product teams.
- Participated in conducting A/B tests to evaluate the effects of various optimization and product strategies.
- Designed and maintained dashboards to monitor key metrics and automate performance reporting.
- Automated financial reporting workflows through data pipelines and scripting, reducing manual intervention and improving accuracy.

R&D Engineer – Fixed-term Contract - INEX BET - Paris, France

Oct 2024 - Dec 2024

Design and Optimization of Data Preparation Pipelines for Model Training

- Implemented mathematical and computer vision methods to process and analyze architectural floor plans.
- Designed and optimized data preparation pipelines to support large-scale model training.
- Deployed models into production environments, ensuring scalability and monitoring of inference performance.

R&D Engineer – Internship - INEX BET - Paris, France

Apr 2024 - Sep 2024

Implementation and Fine-Tuning of Object Detection Models (YOLO, DONUT)

- Developed automated data ingestion and preprocessing pipelines to deliver high-quality, structured inputs for computer vision training.
- Built and maintained workflows for data cleaning, augmentation, and labeling to enhance model robustness and generalization.
- Trained and fine-tuned state-of-the-art object detection models on architectural floor plan datasets.

## COMPLETED PROJECTS

AI-Powered Customer Feedback Analyzer

Sep - Dec 2025

- Engineered an NLP pipeline leveraging Aspect-Based Sentiment Analysis to extract product-level insights from customer reviews and visualize evolving trends at scale.
- Delivered actionable intelligence enabling data-driven product prioritization and proactive quality monitoring.

AI Music Therapy Recommender System

Aug - Sep 2025

- Built an end-to-end ML system integrating exploratory analysis, Random Forest modeling, and Streamlit deployment for personalized therapeutic music recommendations.
- Designed explainable recommendations aligned with individual psychological profiles, featuring real-time assessments and performance dashboards.

Computer Vision Project - ONERA - Brest, France

Sep - Dec 2023

Satellite Imagery Analysis for Environmental Monitoring

- Preprocessed multispectral satellite images using SNAP (Sentinel Application Platform).
- Performed time series analysis to track spatial and temporal changes in illegal dump sites.
- Developed analytical workflows to estimate the evolution and expansion patterns of waste zones over time.

## LANGUAGES

– Arabic: Native language - French: Bilingual - English: C1 - (IELTS 7.5) - German: A2 - Spanish: A1