OUSSAMA EL-KOURDINI

M2 Student | AI Engineering, Digitalization & Data Science

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PROFESSIONAL SUMMARY

Master's student in AI Engineering & Data Science with a robust background in Economics, Finance, and Banking. Passionate about data valuation and deploying Artificial Intelligence solutions to drive strategic decisions.

EDUCATION

Master in AI Engineering, Digitalization & Data Science   **October 2024 - Present**

National School of Applied Sciences (ENSA) – Khouribga, Morocco

Data Analytics Professional Program (6 Months)   **March 2024 - September 2024**

ALX Africa – Casablanca, Morocco

Professional Bachelor's in Banking Services   **October 2018 - July2019**

Sultan Moulay Slimane University – Beni Mellal, Morocco

PROFESSIONAL EXPERIENCE

Bank Teller & Commercial Support (Internship)   **May 2019**

BMCE Bank Of Africa — Oued Zem, Morocco
- Processed and ensured the accurate execution of counter operations.
- Provided product information and supported sales for individual retail clients.
- Directed clients toward appropriate account managers based on specific needs.

Accountant (Internship)   **August 2017 - January 2018**

ST-ELECTROTOPO S.A.R.L — Oued Zem, Morocco
- Processed accounting data and entered financial transactions.
- Managed collections and maintained professional client relationships.

Procurement Assistant (Internship)   **February 2017**

OCP Group (Procurement Service) — Sidi Chennane, Morocco
- Prepared purchase orders and managed stock flows (inbound/outbound) for spare parts.
- Assisted in the reception and quality control of imported items.

TECHNICAL PROJECTS

Credit Risk Decision System   **Novembre 2025**

Developed a predictive model for default risk, addressing class imbalance and calibrating decision thresholds to optimize profitability (Metrics: AUC-ROC.)
Stack : Python ,Pandas, Scikit-learn (Random Forest, Logistic Regression), Streamlit.

Avito Used Car Price Predictor (Year-End Project)   **May–June 2025**

Built an automated data collection system via web scraping and trained ensemble models for real-time price prediction. (Evaluation: R², MAE, RMSE.)
Stack : Python, Selenium, Scikit-learn (XGBoost,LightGBM, CatBoost,Gradient Boosting), Streamlit.

Netflix Movies & TV Shows Analysis   **Avril 2024**

Performed Exploratory Data Analysis (EDA) and data cleaning to extract business insights and identify content trends.
Stack : Python Pandas, NumPy, Matplotlib, Seaborn.

SKILLS

Technical: Python, SQL, Machine Learning, Scikit-Learn, TensorFlow, Power BI.
Data & IA : Machine Learning (Supervised / Unsupervised), Web Scraping.
Tools: Docker, Microsoft Azure, Git, Streamlit.
Languages: Arabic (Native), French (B1-B2+), English (A2-B1).

CERTIFICATIONS

- **IT Specialist - Python** |Certiport / Pearson VUE|
- **Google Data Analytics Specialization** |Coursera|
- **Data Analyst in Python Skill Track** |DataCamp|
- **IBM Data Science Fundamentals** |Coursera|
- **Microsoft Azure Fundamentals (AZ-900) Skill Track** |DataCamp|
- **Advanced Machine Learning Skill Track** |365 Data Science|