

MERYEM MIRGHANY

Engineering Student – Data & Business Intelligence

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PROFILE

5th-year engineering student at **EMSI (MIAGE)**, specialized in **BI and Data Engineering**. Seeking a **6-month final year internship starting February 2026** to contribute to data-driven projects.

EDUCATION

Moroccan School of Engineering Sciences (EMSI) <i>Computer Engineering and Networks (MIAGE)</i>	2021 – Present <i>Casablanca</i>
Lahlou School Group <i>Baccalaureate in Physical Sciences BIOF, High Honors</i>	2020 – 2021 <i>Casablanca</i>

PROFESSIONAL EXPERIENCE

Business Intelligence Engineer Internship <i>Auto Hall Group</i>	Jul. 2025 – Aug. 2025 <i>Casablanca</i>
<ul style="list-style-type: none">Designed POWERGLPI, a BI solution reducing IT reporting time by 90%Developed ETL pipelines (Python), Power BI dashboards, and dimensional modelsAgile Scrum methodology and data project management on Jira	
Census Surveyor <i>High Commission for Planning (HCP)</i>	Aug. 2024 – Sept. 2024 <i>Casablanca</i>
<ul style="list-style-type: none">Contributed to the national census: data collection and validation	
IT Project Coordinator Internship <i>Canal Informatique</i>	July 2024 <i>Casablanca</i>
<ul style="list-style-type: none">Strengthened skills in system architecture and IT security	
Supply Chain Coordinator Internship <i>Afriquia Shipping</i>	Jun. 2023 – Jul. 2023 <i>Casablanca</i>
<ul style="list-style-type: none">Managed international logistics flows and real-time monitoring	

TECHNICAL PROJECTS

PowerGLPI – ITSM Analytics: Automated BI solution with **ETL pipelines** and interactive **dashboards**.
Python, Power BI, DAX

Facial Recognition – Deep Learning: End-to-end **ML pipeline** with **CNN** and mobile deployment.
TensorFlow, OpenCV, Flutter

TECHNICAL SKILLS

BI & Visualization: Power BI (DAX, Power Query, KPIs), Dashboards
Data Engineering: ETL, SQL, Data Warehousing, Dimensional Modeling
ML & Deep Learning: TensorFlow, PyTorch, Computer Vision, NLP
Big Data: Hadoop, Spark
Programming: Python (pandas, NumPy), Java (Spring Boot), C# (.NET), Dart (Flutter)
Databases & Cloud: SQL Server, PostgreSQL, MySQL, Firebase, Azure
DevOps: Git, Docker, Agile/Scrum

CERTIFICATIONS

Microsoft Power BI Data Analyst • Google Business Intelligence • IBM Data Engineering (In Progress) • IBM IT Scrum Master • IBM IT Project Manager (In Progress) • Oracle Cloud DevOps (In Progress)

SOFT SKILLS & LANGUAGES

Soft Skills: Problem-solving • Business acumen • Critical thinking • Learning agility
Languages: English (Proficient) • French (Proficient) • Arabic (Native)