



MERYEM BEN-AAMMI

Future State Engineer in Computer Science, specializing in Big Data & Artificial Intelligence

Currently a fifth-year Computer Engineering student, specializing in Big Data and Artificial Intelligence, I am passionate about technological challenges and eager to apply my skills to contribute to innovative projects. I am seeking a six-month end-of-studies internship starting in January, with the goal of further developing my expertise and bringing real added value.

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Marocaine Télétravail ou présentiel

LANGUES

Arabe
Fluent (C1)

Français
Fluent (C1)

Anglais
Upper-Intermediate (B2)

Espagnol
B1 – Nível intermedio

COMPÉTENCES

Big Data & Cloud
Hadoop , Spark, Kafka, Hive,
NiFi, Airflow, Talend,
Cloudera, Cloud Data
Warehousing, Azure AI
Services, Cloud Computing

**Business Intelligence &
Data Analytics**
Power BI, Data Analytics

Databases
MySQL, Oracle, NoSQL
(MongoDB)

**Machine Learning &
Artificial Intelligence**
Machine Learning, Deep
Learning, , NLP (Natural
Language Processing) , LLM
(Large Language Models)

Computer Vision
Python, OpenCV, TensorFlow,
PyTorch, Face++, Dlib, Scikit-
learn

Programming Languages
C, Java, Python, R

Modeling & Tools
UML

**Web Development &
Frameworks**
HTML, CSS, JavaScript,
Flask, PHP, JEE

Mobile Development
Android, Flutter

Office Tools
Microsoft Word, PowerPoint,
Excel

QUALITÉS

- Punctuality
- Communication
- Teamwork

FORMATIONS

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| 3rd Year of Engineering Cycle International University of Rabat (UIR), Rabat, Morocco Specialization: Big Data & Artificial Intelligence | De 2025 à 2026 |
| 2nd Year of Engineering Cycle International University of Rabat (UIR), Rabat, Morocco Specialization: Big Data & Artificial Intelligence | De 2024 à 2025 |
| 1st Year of Engineering Cycle International University of Rabat (UIR), Rabat, Morocco Specialization: Big Data & Artificial Intelligence | De 2023 à 2024 |
| Preparatory Years at ESIN International University of Rabat (UIR), Rabat, Morocco | De 2021 à 2023 |
| Scientific Baccalaureate Ecole Narjiss Privée, Agadir, Morocco Physics-Chemistry Option, French International Option (BIOF), with Honors. | De 2020 à 2021 |

PROJETS ACADÉMIQUES

- Chatbot SAMWAY:** AI-powered travel planning application (Python, MongoDB, LLMs, RAG).
- Azure Platform:** Intelligent language learning application (Azure AI Services).

EXPÉRIENCES PROFESSIONNELLES

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| Internship in Big Data & Business Intelligence Atlantic Smart Technology, Kenitra, Morocco <ul style="list-style-type: none">Design and automation of data flows for the SMARTTRAFFIC-CS project: Intelligent optimization of public transportation.Creation of a Power BI dashboard with interactive visualizations for decision-making.Contribution to the implementation of an ETL pipeline for data collection and transformation. | De juin 2025 à août 2025 (2 mois) |
| Application Internship in AI Mohammadia School of Engineers, Rabat, Morocco <ul style="list-style-type: none">Integrating smart mobility solutions to manage real-time traffic.Analyzing interactions between transportation networks.Automatic detection of emergency vehicles in road traffic using YOLO. | De juillet 2024 à août 2024 (1 mois) |
| Introductory Internship Ministry of Industry and Trade, Rabat, Morocco <ul style="list-style-type: none">Implementation of a collaborative work system and an online services platform.Improvement of administrative activities across all departments of the Ministry. | De juin 2023 à juillet 2023 (1 mois) |

CERTIFICATIONS

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| Introduction to Modern AI, Cisco Cisco Networking Academy, Cisco | 2025 |
| Visualization for Data Analysis with Power BI, Microsoft Microsoft, Coursera | 2025 |
| Introduction to Java and Object-Oriented Programming University of Pennsylvania, Philadelphia, PA, USA | 2023 |