



FIDAA ARIYAN

Data Science Graduate

Data Science graduate with a background in software development and hands-on experience in Data Engineering, SQL and AI. Motivated to apply my technical skills in a professional environment and contribute to data-driven projects.

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[Fidaa Ariyan](#)

<https://github.com/fidaear>

Tetouan, Morocco

SKILLS

- Data engineering:** SQL, PostgreSQL, MySQL, Hadoop, Hive, Pig, ETL, Data Processing
- Programming Languages :** Python, Java8, SQL
- Data & ML:** Pandas, NumPy, Scikit-learning, Machine Learning, Prompt Engineering, LLM Integration
- Web Development:** SpringBoot, FastAPI, Angular
- Data Bases:** MySQL, MongoDB, SQL Server
- Methodologies & Tools :** UML, JIRA, Git, GitHub, Docker, Postman
- Soft Skills :** Teamwork, Problem solving, Active Listening, Time Management

LANGUAGES

- French(C1)
- English(B2)
- Arabic(Native)

CERTIFICATIONS

- Python Machine Learning
Issued: January 2026 | Udemy
- Data Science in our world
Issued: March 2025 | IBM



PROFESSIONAL EXPERIENCE

NTT DATA

Mar2026- Sep2026

AI & DATA engineer Intern

- Built an AI-driven SQL query optimization system leveraging the Mistral LLM API to analyze execution plans, detect performance bottlenecks, and generate optimized SQL queries.
 - Benchmarked and validated query performance improvements using Python and SQL, ensuring accuracy and efficiency gains.
- Technologies: Mistral API, Python, SQL, prompt engineering, Angular.

NTT DATA

Jul2025 - Jan2026

junior software engineer

- Developed RESTful backend services using Java and Spring Boot.
 - Implemented business logic and API endpoints.
 - Used MongoDB for data persistence
- Technologies : Java8, SpringBoot, MongoDB, Angular, Git

FDSolutions

Mai2023 - Mai2023

Software Developer Intern

- Built a hotel management system using VB.NET and SQL Server to streamline reservations, customer management, and room tracking.
- Developed database-driven features including CRUD operations, search, and real-time room availability updates.

Technologies: Vb.NET, SQL Server



EDUCATION

Master's Degree in Data science

2024 - 2026

Ecole Normale Supérieure| Abdelmalek essaâdi University, Tetouan

Professional Bachelor's degree in Software and Web Dev

2023 - 2024

Ecole Normale Supérieure| Abdelmalek essaâdi University, Tetouan

BTS degree in Development of Information Systems

2021 - 2023

Centre ABI YAKOUB AL BADISSI| AlHoceima



PROJECTS

AI SQL Query Optimization and conversion of text to SQL

- Developed an AI-powered Text-to-SQL and SQL query optimization system using Python, SQL and Mistral LLM.
- Analyzed SQL execution plans to detect performance bottlenecks and generate optimized queries.