DERRAR FAROUK *JUNIOR DATA ENGINEER*

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SUMMARY

Recent Computer Science graduate specializing in Information Systems and Data, with a solid foundation in software development, databases, and data technologies. Passionate about Data Engineering and seeking a first professional opportunity to strengthen my technical skills, take on new challenges, and contribute to innovative data-driven projects. My goal is to become an expert in Data Engineering.

PROFESSIONAL EXPERIENCE

IT Development Intern 07/2026 – 08/2026 | Oran, Algeria
Regional University Military Hospital
- Worked within the IT department on application development, information systems administration, and technical support.
- Contributed to IT infrastructure maintenance and data management in a healthcare environment.
- Gained experience in data management and processing within a hospital environment.

Big Data Intern 06/2026 – 07/2026 | Arzew, Algeria
SONATRACH — GL1Z Complex
- Completed an internship focused on Big Data and data processing within the IT environment of the GL1Z complex.
- Worked with concepts related to Big Data technologies, data processing, and data analysis.
- Developed practical skills in data management, problem-solving, and technical analysis.

EDUCATION

Master 2 - Computer Science — Information Systems and Data 11/2021 – 07/2026 | Oran, Algeria
University of Science and Technology of Oran Mohamed Boudiaf
Five years of academic training in Computer Science, progressing from foundational studies to a specialization in Information Systems and Data, with a strong focus on data-related technologies and their practical applications.

SKILLS

SQL & Database Management

Python

Data Processing & ETL

Big Data Technologies — Spark, MapReduce

Data Analysis & Machine Learning

AWS Cloud

PROJECTS

Clinical Decision Support System for Hyperthyroidism Prediction 12/2025 – 07/2026
- Developed an AI-based clinical decision support system for the analysis and prediction of hyperthyroidism.
- Preprocessed and analyzed healthcare datasets to prepare data for machine learning and deep learning models.
- Implemented and evaluated predictive models to support clinical decision-making.
- Built a system combining data processing, machine learning, and predictive analytics.

Full-Stack E-Learning Platform 10/2023 – 06/2024
- Developed a full-stack e-learning platform with secure authentication, course management, and user administration.
- Designed and integrated a relational database to manage users, courses, and learning-related data.
- Applied software development practices to build a scalable and user-friendly web application.

CERTIFICATES

- Cloud Foundations
- Intro to Data Engineering
- Advanced SQL for Data Engineering

LANGUAGES

Arabic — Native/Bilingual

English — Proficient

French — Fluent