

Bouzitouna Soheib Aymen | Artificial Intelligence & Data Science Engineer

Constantine, Algeria

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Professional Profile

Artificial Intelligence & Data Science Engineer with hands-on experience in Machine Learning, Deep Learning, Data Analysis, Frontend Development and Full-Stack AI applications. Developed an AI-powered medical anomaly detection and clinical recommendation system for emergency healthcare. Strong interest in AI, software engineering and real-world intelligent systems.

Technical Skills

Programming: Python, JavaScript, Java, SQL, HTML, CSS

AI / ML: Scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Deep Learning

Web: React.js, FastAPI, Node.js, REST APIs

Databases: PostgreSQL, MongoDB

Tools: Git, GitHub, Linux, VS Code, Jupyter, Anaconda, Docker

Professional Experience

ALEMO – Algérienne des Equipements et Machines Outils

Internship

- Developed a corporate advertising website.
- Improved the company's internal digital platform.
- Debugged and optimized existing software.
- Worked on software solutions supporting industrial systems.

FLYNBESDS

Billetterie Training

- Training in airline ticketing, reservation procedures, and customer service.
- Basic proficiency in **Amadeus** for flight search, reservation, and ticketing operations.
- Understanding of the fundamentals of **airline reservation systems and ticketing workflows**.
- Developed communication, customer-service, and interpersonal skills through a professional, client-facing environment.

Selected Projects

Emergencies Link AI – Medical Anomaly Detection & Clinical Recommendation

Graduation Project

- Designed an end-to-end AI healthcare platform for emergency medical assistance.
- Developed anomaly detection for patient vital signs and severity assessment.
- Built clinical recommendation logic and REST APIs using FastAPI.
- Developed a React dashboard and managed data with PostgreSQL.
- Deployed the platform on Ubuntu Linux.

Other Projects: Arabic Fake News Detection (NLP) • Sign Language Recognition (Deep Learning) • ECG Classification (CNN) • AIoT Hospital Waste Sorting (YOLO) • Medical Document Watermarking • Distributed Multi-Agent Pollution Simulation

Education

University Abdelhamid Mehri Constantine 2

Master's Degree in Artificial Intelligence & Data Science

2024–2026

University Abdelhamid Mehri Constantine 2

Bachelor's Degree in Information Technologies

2021–2024

Certificates & Languages

Certificates: NVIDIA Certificate of Competency in Deep Learning • Judge – Codeavour 6.0 Algeria Robotics Competition

Languages: Arabic (Fluent) • English (B2) • French (B1)