MOUNIR BOUDJELAL

DATA SCIENCE UNDERGRADUATE

DETAILS

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Algeria

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LINKS

Portfolio

Github

LinkedIn

SKILLS

C++ programming & OOP
●●●●○

Data Analysis
●●●●○

Python programming
●●●●○

Machine learning
●●●●○

SQL and database management
●●●●○

Frontend Development
●●●○○

Communication Skills
●●●●●

Ability to work in team
●●●●●

Flutter Mobile Dev
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PROFILE

A 3rd year computer science student at the National School Of Artificial Intelligence (ENSIA) with practical experience on the software development field, specifically web developpement and mobile app developpement. In addition to a deep understanding of statistical models, algorithms, and multivariate analysis, keen to pursue a career in artificial intelligence and data science.

EDUCATION

Engineering degree, National higher school of artificial intelligence — Algiers
Sep 2022 — Jun 2027

Currently completing my 3rd year there and hopefully graduating by the year of 2027. Some of the key modules token are: Probability and statistics, Calculus, OOP with C++, Mathematical logic, DSA, Databases, Software Engineering,Data mining, Machine learning.

High school degree, Mouhali Amer high school — Bejaïa
Sep 2019 — Jul 2022

BAC degree with a 17.32 average in the mathematical field.

EXPERIENCE

InnovPost Hackathon — Algiers
Dec 2024

A participation in the web dev hackathon, we redesigned ALGERIE POSTE's website and we got offered an internship to continue our work and intergrate AI for their platform.

Mathurance Datathon — Algiers
Feb 2025

Datathon organized at the Technological Pole of Sidi Abdellah, sponsored by all the Algerian Insurance Companies who provided us their real data to work on and solve actuarial problems using Machine Learning and Data Science and Analysis techniques.

Mathix Datathon — Algiers
Apr 2025

A 3 days datathon, the theme was computer vision and image processing, where alongside my team we have created AI and math / statistical based models in order to analyze satellites images (provided by ASAL) to detect forests, apply Spectral unmixing and quantify the uncertainty. We ended with a 94% accuracy model.

LANGUAGES

English
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Kabyle
●●●●●

Arabic
●●●●●

French
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HOBBIES

Chess
Sports
Reading

PROJECTS

Supply Chain and Logistics Management System
2024

Intro to AI project, where we applied search algorithms to find the best path for trucks to take when going from producing cities to consuming ones. Has a web interface visualizing the maps.

KEROSTI
2024

Kerosti is a web application for cars related operations: compare between cars in our DB, filter them and 'SELEKNI', a system that suggests solutions to your car problems, hopefully in the future AI will be integrated to this part. Developped with HTML, CSS and JS. PHP for the backend

RateIt
2025

A mobile application for users to rate and post their own things/ ideas.. to be rated. Many rooms exist for different topics. Developed mainly with DART, and used FastAPI for the backend

Planting Management System
2025

A website for an Algerian planting association to manage their work, and provide their audience the needed information about planting, their latest projects..etc. The react framework was the main framework used in building the website's frontend. Node js was for the backend.

Analyzing data about Thyroid cancer
2025

Data mining projects where we worked on analyzing real Thyroid Cancer data using data mining techniques such us clustering and classification using one class SVM. PYTHON was the mainly used language.

AI Based Career Guidance
2025

Currently building a career path guidance systems with AI assistance. The platform will offer a model suggesting the field you're most likely to succeed at based on a questions-based diagnosis, an assessment model for you current career path and a chat bot for the general knowledge about that career. Used classification models, fine-tuning of LLMs and RAG.

Forests Detection Model

Model built during the Mathix Datathon. Analyzes satellites images and detects the pixels that represent a forest, applies spectral unmixing and quantifies the uncertainty of the results. Machine learning (Random Forests) and Deep Learning models (1D CNN) were used in the process.

EXTRA-CURRICULAR ACTIVITIES

Relex departement member, SkillnTell scientific club — Algiers
Sep 2023 — Jun 2024

I played a role in establishing partnerships with academic institutions, research organizations, industry professionals and potential sponsors which meets exactly the goals and the mission of the scientific club.