



AYOUB FRIHAOUI

AI & DATA SCIENCE STUDENT

PROFILE

I'm a dedicated Computer Science student in AI and Data Science with a strong focus on Deep Learning, Low-level tech, Software Engineering, and Scalable Web Applications. I am passionate about using modern technologies like Golang, React, TensorFlow, and Python to build robust and efficient solutions. I'm always learning, innovating, and pushing boundaries.

CONTACT

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📍 Algeria, Sba

🌐 <https://github.com/AyoubFrihaoui>

EDUCATION

2019-2024

ESI SBA

- Master of AI and Data Science
- Engineering

SKILLS

- Project Management
- Teamwork
- Data analysis
- ML Engineering
- Backend Dev
- Frontend Dev
- Reverse Engineering
- Graphic/UI/UX Design
- Problem Solving
- Python, JS/TS, Go, C/C++, Java, Dart, ASM x86/64.

LANGUAGES

- English
- Arabic
- French

EXPERIENCE

DIGITAL TRADE AND EXPORT Ltd - Algiers

2023 SEP - OCT

Web Developer · Internship

- Understand the frontend and backend codebase.
- Constantly meet and plan with the development team.
- Refactor some ReactJS pages and components.
- Integrate some of the web API functionalities in the frontend UI.
- Test the API and backend implementation.

HumanPose-Estimation-in-Sport-Analysis

2024 MAR - JUNE

Data Analysis and ML Engineering · 4th year project

- AI-driven motion tracking and video analysis to provide detailed insights into sprinting form. On performance metrics, such as stride length and joint angles, instant velocity.
- Data collection, data labeling and augmentation, YOLOv8 transfer learning, Cropping, 3D to 2D projection using homography, Metrics calculation.

Movie Recommendation System Association

2024

Machine learning - Lab

- [Presentation-Link](#)
- Unveiling Hidden Gems with Item-Based Collaborative Filtering

Chest X-ray COVID Classification

2024

Deep learning - Lab

- [Presentation-Link](#)
- Applying transfer learning on MobileNetV2 with The Chest X-ray dataset (COVID, Lung_Opacity, Normal, Viral Pneumonia).