FELLAH Abdelnour
Data Scientist & Web Developer

Contacts

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Education

Master of Science & Engineering Degree   2020 - Present

Computer Science Engineering

- Higher School of Computer Science - Sidi Bel Abbes

Electrical engineering Baccalaureate Degree   2017 - 2020

High School Baccalaureate Exam

- Ahmed Boumehdi High School - Sidi Lakhdar,Mostaganem

Skills

AI & Data Science   +1 year

Python & R Programming,Numpy,Pandas,sickit-learn,Pytorch,
Tensorflow,SQL,PySpark,Machine Learning Algorithms,
Deep Learning & Natural Language Processing.

Frontend Web Development   +3 years

HTML, CSS, JavaScript, ReactJs, TailwindCSS,
Responsive Web Design, Web Accessibility, Grid and Flexbox
Layouts..

Backend Development   +3 years

Express JS,Nest JS,SQL,PostgreSQL,MySQL,MongoDB,
Fast API.

Technologies

`HTML` `CSS` `JavaScript` `ReactJS` `TailwindCSS`
`SQL` `Postman` `GitHub` `Git` `NestJS` `Python`
`VSCode` `Linux` `Pytorch` `C++` `Tensorflow`
`ExpressJS` `PySpark` `JAVA` `C`

Languages

Arabic
Native or Bilingual Proficiency   ●●●●●

English
Full Professional Proficiency   ●●●●○

French
Professional working proficiency.   ●●●○○

Profile

I am a dedicated Machine Learning Engineer with a background in Computer Science, specializing in Python and PyTorch for developing robust machine learning models. Proficient in SQL for efficient data manipulation and analysis, I am committed to leveraging my technical skills to drive innovative solutions. My educational foundation and hands-on experience equip me to tackle complex challenges and contribute effectively to dynamic teams.

Courses & Certificates

02 Feb 2024

DeepLearning.AI TensorFlow Developer

The DeepLearning.AI TensorFlow Developer course offered by DeepLearning.AI on Coursera teaches applied machine learning skills with TensorFlow, enabling you to build and train powerful models in various AI fields such as computer vision, natural language processing, and time series forecasting.

23 Feb 2024

Generative AI for everyone

Generative AI for Everyone is a course that provides a high-level overview of how generative AI works, including its use cases, the lifecycle of a generative AI project, and the opportunities and risks involved.

22 Feb 2024

Machine Learning Specialization

The Machine Learning Specialization is a beginner-focused series of courses that covers Python's essential AI packages, the most widely used machine learning algorithms, and even advanced topics like deep learning and reinforcement learning.

Projects

Apr 2022 - Jun 2022

Thwissa

- Second Year Multidisciplinary project (ESI SBA)

Thwissa is an Android application designed to promote tourism in Algeria by connecting tourists with tourism agencies. The frontend is built using Java and Kotlin, while the backend utilizes JavaScript, ExpressJS, and MongoDB.

Mar 2024 - Jun 2024

AI System for Breast Cancer Diagnosis

- Fourth Year Multidisciplinary project (ESI SBA)

This project, conducted in 2024, is a collaboration withthe Anti-Cancer Center of Sidi Bel Abbes (CAC). The objective of this project was to develop an AI system capable of diagnosing breast cancer through the classification of gigapixel hematoxylin and eosin (H&E) histopathological images.

Apr 2024 - May 2024

Image captions generator

- University Project (Natural Language Processing)

Developed and deployed a transformer-based model for generating image captions as part of a university course on Natural Language Processing (NLP). The model was integrated into a web application, allowing users to upload images and receive automatically generated captions.