

Abdelkarim MAJDOUB

Machine Learning/Data Engineer (Background: Petroleum Engineering)

As an experienced Machine Learning and Data Engineer, my expertise lies in developing and implementing advanced data analytics solutions, leveraging Python for data manipulation and statistical modeling. My expertise drives data-driven decision-making.



✉ abdelkarim.majdoub92@gmail.com

☎ +33783107178

📍 2 RUE DENFERT ROCHEREAU, TOULOUSE, France

WORK EXPERIENCE

Machine Learning/Data Engineer

Capgemini Technology Services | Client : Airbus SAS

01/2023 - Present

Toulouse, France

Tasks :

- My ML and data engineering role enhanced Airbus parts classification.

Power BI Developer

Safran Helicopter Engines

10/2022 - 01/2023

Bordes, France

Achievements :

- Creating Power BI reports for engine maintenance monitoring and enhancement.

Data Scientist

TotalEnergies

04/2021 - 09/2022

Pau, France

Achievements :

- Utilizing deep learning for seismic image denoising, analysis, and integration.

Data Scientist

National Institute of Scientific Research & Geolearn

03/2020 - 03/2021

Quebec, France

Achievements :

- Creating AI agent for reservoir history matching and prediction.

Drilling Engineer / QHSE Supervisor

HASNA PETROLEUM SERVICES

09/2016 - 08/2018

Tataouine, Tunisia

Achievements :

- Supervising drilling mud manufacturing operations at the oilfield site.

Intern Drilling Engineer

Medco Energi E&P

02/2016 - 06/2016

Tunis, Tunisia

EDUCATION

Master's degree in artificial intelligence & management

IA School (E-learning campus)

01/2022 - 09/2022

Pau, France

Master's degree in computer science

University of Claude Bernard Lyon 1

09/2020 - 06/2021

Lyon, France

Master's degree in petroleum engineering

University of Pau and Adour Countries

09/2018 - 06/2020

Pau, France

Bachelor's degree in drilling engineering

University of Carthage

09/2011 - 06/2016

Tunis, Tunisia

SOFT SKILLS

Project Management

Time management

Autonomous

Curious

PERSONAL PROJECTS

Skyward Insights (12/2023 - Present) [🔗](#)

This project is designed to extract comprehensive flight data from various flight APIs, process it through a robust data pipeline and construct an insightful dashboard for in-depth analysis.

PVTi

PVTi is an application developed by python to compare phase diagrams of different thermodynamic state equations

WTS - Well Test Software

Well Test Software is a python-based application that provides a simple interface for interpreting build-up tests.

NUMERICAL SKILLS

Programming languages & Computational languages and numerical simulation

Python / R / Java / HTML / CSS / TypeScript / Matlab / Scilab

DataBase, Frameworks & Cloud

Microsoft SQL / MySQL / PySpark / Hadoop, Hive / Palantir Foundry / AWS / Databricks

Softwares

Visual Studio / Github Desktop / Git Bash / Power BI

Modeling software

Sismage / Petrel E&P / Eclipse / REVEAL / Pie / TechPlot Rs / Landmark

Environments

Windows / Linux

LANGUAGES

Arabic



French



English



INTERESTS

TV documentaries

Musique

Films