

KERROU MUSTAPHA

Business Intelligence Engineer

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Tunis, Tunisia

LinkedIn profile

Github profile

Fiverr profile



PROFESSIONAL EXPERIENCES

Independent Business Intelligence Consultant - Fiverr

September 2020 –

Tunis, Tunisia

- Designed and created data models and data warehousing solutions.
- Implemented Extract, Transform, Load (ETL) processes and pipelines to manage and analyze data.
- Produced data reports and visualizations for stakeholders.
- Developed and applied both supervised and unsupervised algorithms to enhance data insights and decision-making.
- Technologies:** Python, Talend OS, SSIS, PowerBI, Tableau

End Of Study Internship - Quebec Formation Center

Mars 2022 – December 2022

Manouba, Tunisia

- Implemented and trained Convolutional Neural Network (CNN) models to classify MRI images for Tuberculosis, Covid-19, and Kidney diseases.
- Designed and developed a ReactJS-based web application for medical practitioners, providing an intuitive platform to aid in decision-making.
- Utilized Flask, a Python-based back-end framework, to deploy and expose the CNN models through APIs.
- Technologies:** Python, Deep Learning, ReactJS, Flask, MongoDB
- Methodology :** Crisp-DM

Data Scientist Intern - Esprit Tech

June 2021 – August 2021

Ariana, Tunisia

- Conducted extensive research on deep learning algorithms for detecting autism.
- Implemented various deep learning models, including SVM, Random Forest, and LSTM, in a Jupyter notebook.
- Trained the models using the ABIDE f-MRI images dataset to improve the accuracy of autism detection.
- Technologies:** Python, Deep Learning
- Methodology :** Crisp-DM

End of Study Internship - DAR BLOCKCHAIN

February 2019 – July 2019

Tunis, Tunisia

- Conducted comprehensive research on the concept and technologies of BLOCKCHAIN.
- Developed a dashboard for medical practitioners and patients.
- Designed and implemented a private BLOCKCHAIN network among multiple certified nodes.
- Ensured secure storage and access management of digital medical records on the BLOCKCHAIN network.
- Technologies:** AngularJS, NodeJS, MongoDB, HyperLedger
- Methodology :** SCRUM

DIPLOMAS OBTAINED

Engineer's degree in computer science, computer science field

2019-2022

ESPRIT, Tunis

Bachelor degree in Computer Science

2016-2019

ISTIC, Ben Arous

TECHNICAL SKILLS

Programming languages:

Python

C#

JAVA

JavaScript

Querying languages:

SQL

PL-SQL

NoSQL

Database Management Systems :

SQL Server

Oracle

Datawarehousing :

MySQL

PostgreSQL

Google BigQuery

ETL:

Talend OS

SSIS

Azure Data Factory

Python Pandas

Collaborative work platform:

Git

Team Foundation Server

DataViz:

Microsoft PowerBI

Tableau

SPOKEN LANGUAGES:

English : Advanced

French : Advanced

Arabic: Native