FARKANE LOUBNA

ENGINEER IN COMPUTING AND EMERGING TECHNOLOGY SPECIALIZED IN BIG DATA AND BUSINESS INTELLIGENCE

Motivated by the challenges of setting up and developing IT systems and passionate about the Business Intelligence, Big Data and data science sector. Endowed with a strong sense of organization and adaptation, a reactivity and a team spirit, of analysis and innovation

CONTACT ME :

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LANGUAGES

- Arabic : Mother tongue
- English : Bilingual
- French : Advanced
- Korean : Beginner

ACTIVITIES

- Extracurricular : active member in the club JEO, active member in the club SHIP
- Sport : Basketball player, Athletics
- Music : Rapper, Writer
- Art : Painter, Designer

CERTIFICATES

- Python Data Science Toolbox
- Huwawei ICT solution : AI
- Oracle Cloud Infrastructure : OCI
- UI/UX Design

TRAINING

2019-2022
Engineering cycle in Computer Engineering and Emerging Technology at the National School of Applied Sciences of El Jadida
2017-2019
Preparatory cycle at the National School of Applied Sciences in El Jadida
2016-2017
Baccalaureate in Physical and Chemical Sciences at highschool Ihssan 4, El Jadida

PROFESSIONAL EXPERIENCES

5 months internship : Data Scientist at Orange Digital Center in Rabat from 01 February to 29 June 2022

Missions and duties:

- Create a Machine Learning model to predict the best position for a given soccer player
- Perform Web Scraping to create voluminous Datasets containing the data of the concerned soccer teams
- Create a Machine Learning model to propose the best lineup for the next game of a soccer team

Technologies used :

- Python as a programming language
- Anaconda for package and library management
- Jupyter Notebook for training models
- PyCharm as a programming IDE
- FastAPI for deploying Machine Learning models

2 months internship : BI Consultant at High Med Tech in Casablanca from 01 July to 30 August 2021

Missions and duties:

- BI solution for sales and customer tracking
- Resolution of problems related to the company's software
- Detection of problems in databases

Technologies used :

- TOS for ETL
- Pentaho (Mandrian) for multi-dimensional schema and OLAP
- Power BI for data analysis and reporting

ACADEMIC PROJECTS

BI project: Telecom customers
CloverETL-MySQL-Pentaho (mondrian)-JFree Report

- The application of the decision-making chain for telecom customers

PowerBI : Computers company
TalendOS-MySQL-Jasper Report-Jasper Server-Power BI

- BI solution for customer follow-up within a pcs sales company

PFA 2020 Project
Java-OpenCV-SVMs

- Authentication server based on facial biometrics

PFA 2021 Project
Java-OpenCV

- Java-OpenCV Social distancing detection server as part of preventive measures against COVID-19

Mobile application: Expenses management
Android Studio

- Mobile application for the daily management of expenses

TASHILAT : Microservices
Java- Spring Boot- REST API- Angular

- Manage the various bill payment, telecom or transfer services while respecting the microservice architecture

PROFESSIONAL SKILLS

- Business Intelligence (BI) tools : PowerBI, Talend, CloverETL, Pentaho, Jasper Server, JFreeReport, SQL Server
- Big Data tools : Hadoop, MapReduce, Apache Spark, MongoDB, Docker, Kubernetes, Impala, Oozie, Flask, FastAPI
- AI tools : Scikit Learn, TensorFlow, OpenCV, SVM library
- Programming languages : Python, Java, Javascript, C
- Development : HTML, JavaScript, CSS, PHP, JEE, ASP.NET, JQuery, ReactJS, Android
- Web Scraping : Selenium
- Development frameworks : SpringBoot, Angular
- UI/UX Design : Figma
- Database management systems : MySQL, FireBase, MongoDB, Cassandra
- Tools : Intellij IDEA, Pycharm, Jupyter Notebook, Eclipse, NetBeans, Anaconda, Android Studio, Power AMC, Matlab, Microsoft Visual Studio, Wireshark, Cisco Packet Tracer, Visual Studio Code