



IHEB MISSAOUI

Data Science Student Seeking End-of-Study Internship

Phone	+21629331760	Email	iheb.missaoui@etudiant-fst.utm.tn
Address	Manouba, Tunisia	LinkedIn	linkedin.com/in/iheb-missaoui/
Github	github.com/ihebmissaoui	Portfolio	ihebmissaoui.github.io/portfolio

About Me

Final-year engineering student, specializing in data science, with a strong work ethic and a passion for AI. To achieve my goals, I am actively seeking internship opportunities that will contribute to my professional development.

General Skills

- Machine Learning , deep learning
- Computer Vision,NLP
- Reinforcement learning
- Big Data , Data mining
- Data Preparation and processing
- Scrum , Crisp-DM Methodologies

Technical Skills

Database/Server:

My SQL,PostgreSQL,MongoDB,Cassandra

Programming language:

Python,Java,R,SQL,C,C++JavaScript

Software/Tools/Librairies:

- Tableau,Power BI,Talend
- scikit-learn,Nltk,Numpy,Pandas,Seaborn Matplotlib ,OpenCV,TensorFlow,
- Hadoop,Spark,Kafka
- Django,SpringBoot
- Git,Docker,GitLab CI-CD

Languages

French :Professional

English :Intermediate

Arabic :Native

Certificates

- Data Engineer Associate,DataCamp(in progress)
- Python Basics for Data Science ,EDX
- Microsoft Azure cloud Fundamentals
- Microsoft Azure AI Fundamentals
- Microsoft Azure Data Fundamentals
- Deep Learning Fundamentals with Keras Keras, Edx
- Tools for Data Science,Edx
- Data Science Methodology ,coursera
- Aws technical essentials,Edx

Professional experiences

Data Science Intern Medicus Clinic

June-July 2023

- Explore the latest developments in genetic mutations and gain insight into business-related challenges.
- Collect data from the ClinVar database and clean it.
- Perform pre-processing and visualisations.
- Perform feature extraction through statistical tests and create classification models to predict pathogenic genetic mutations, along with the development of an API for the models.

Keywords:

Django,docker,RESTAPI,Postman,VsCode,CrispDM,Jupyter,Scikitlearn,Missingno,Matplotlib,Numpy,Pandas,seaborn,Joblib,Tableau

Mobile Developer Intern Tac-Tic

June-July 2022

- Develop a mobile application for recycling raw materials in Tunisia.

Keywords : Flutter,NodeJs,REST API,Bloc Pattern,Postman,Mysql,SAMP

Web Developer Intern Consord,APBS

Mars-June 2021

- Develop a web application to convert course files into the SCORM standard format.

Keywords : Spring Boot ,Thymleaf,Mysql,Html,Jquery,JS,CSS,Bootstrap,API,Eclipse,XML,SCORM

Academic projects

- **Predicting** Bitcoin prices based on **historical data** from **Yahoo Finance** using **data analysis** and **LSTM** model.
- Creating a real-time **dashboard** for a digital radar system that employs **computer vision** to forecast **car speed, traffic congestion, daily traffic counts, and car types** recorded by the camera. This includes the use of a pre-trained **YOLO v8** model and **fine-tuning** it with our custom image **dataset**.
- Creating an Arabic **chatbot** capable of **classifying** a patient's psychological **sentiments** and responding to questions in Egyptian dialect using **Keras, scikit-learn**, trained on various **corpora** cleaned with **NLTK** and **PyArabic**.
- Creating a housing price **prediction** system involves **web scraping** with **BeautifulSoup** to **collect data** from online sources, followed by creating **feature engineering** and **data cleaning**. Creating training, validation, and test datasets is the next step, with the choice of **regression machine learning** and **deep learning** algorithms from **sklearn** and **Keras** for price prediction. Finally, creating and **containerizing** a **Flask API** using **Docker** for **deployment**
- **Cleaning** the Netflix **dataset** and loading it into **Tableau** for **analysis**, creating interactive **visualizations**, and **storytelling** through the development of a visual narrative that highlights key **insights**.

Education

Engineering degree in Data Science

2021 - Now

Faculty Of Science of Tunis

Bachelor degree in Computer Science

2018 - 2021

Faculty Of Science of Tunis

High School Diploma

2014 - 2018

Ibn Abi Dhief Manouba

Other

Member in Google Developer Student Club - FST