Jasser Hedhli

Software Developer

Seeking Final Year Internship

Contact

Email
jesserhedhli@gmail.com

Linkedin
www.linkedin.com/in/jasser-hedhli

Github
https://github.com/JasserHedhli

Education

2022 - 2025
Software Development
ISI Ariana

2019 - 2022
Big Data and Data Analytics
ISAMM

Certification

Microsoft Azure, 2024
- AI Fundamentals, Excel, Word

Udacity, March 2021
- Certificate in ML with SQL

Expertise

- Python, Java, SQL, Javascript, C++, R
- Flask, Streamlit, Symfony, Spring, Odoo
- APIs,Tensorflow,Yolo,cv2,Scikit-learn
- MongoDB, Cassandra, MySQL
- Power BI, SSMS, SSIS
- Docker, MLOPS, PySpark, Hadoop
- LangChain, GenAI, LLM
- SCRUM, JIRA, Kanban, ERP
- Problem solving and analytical abilities
- Descriptive and stochastic statistics

Language

Arabic (Native)

English (professional proficiency)

French (professional proficiency)

Personal Projects

- **Smart Glasses Features** : YOLOv4, Tensorflow, DeepFace, cv2, gTTs, OCR
- **Customer Support** : Gradio, LangChain
- **Invoice Data Extraction** : Streamlit, Gemini, SQlLite
- KMeans, DecisionTree: Pyspark, Hadoop

Experience

July 2024 to August 2024
Sherpa Engineering MENA
Data Scientist

- Worked on optimizing thermal comfort in electric vehicles using Machine Learning and Deep Learning techniques.
- Developed a web app, dockerized for seamless deployment, and automated model creation using MLOps (ZenML).
- Created two models: KMeans and Self-Organizing Map (SOM).

July 2023
STB Bank
Data Scientist

- Completed a summer internship at STB Bank's crate supply division.
- Developed a Power BI dashboard, for cash prediction with 0.90 accuracy (XGBRegressor) and performed branch clustering (KMeans).
- Created an interactive Python interface combining Business Intelligence and predictive analytics for cash management simulation.

July 2023
Québec Training Center
Artificial Intelligence Programmer

- Completed a summer internship at Quebec Training Center focusing on facial emotion recognition.
- Developed a project utilizing Python, TensorFlow, DeepFace, OpenCV, and the MobileNetv2 model.
- Implemented a voice assistant to verbally convey detected emotions.

February 2022 to May 2022
BNA Bank
Big Data Analysis

- Led credit forecasting and risk assessment using supervised machine learning in Python.
- Developed a real-time credit risk evaluation app with Streamlit, styled with CSS/HTML, and SQLite for database management.
- Collaborated on building a Data Warehouse (SSMS), performed ETL (SSIS), and designed dashboards with Power BI.

August 2021
STB Bank
Data Scientist

- Led a project on real estate price prediction in Tunisia, involving data collection from major websites using Selenium and Bs4.
- Developed a Flask web application to showcase forecasts generated by various machine learning models, including SVM, RandomForest, DecisionTree, and Bagging.
- Provided decision-makers with valuable insights for evaluating real estate investment opportunities.