

Contact

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Github
https://github.com/JasserHedhli

Portfolio
[profile](#)

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, SQLite
- **KMeans, DecisionTree**: Pyspark, Hadoop

Jasser Hedhli

Software Developer

Seeking Final Year Internship

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.