FARAH CHELBI

IT Engineering Student

✉ farah.chalbi@gmail.com ☎ +216 55 675 053 📍 Tunisia in https://www.linkedin.com/in/farahchelbi/
@ Arabic : Native Speaker | English : Fluent | French : Fluent

EDUCATION

IT engineering

📅 2020 - present 📍 Private Higher School of Engineering and Technology - ESPRIT

Data Science

EXPERIENCES

PGS International Tunisie

HR Data Analytics Intern

📅 july 2024 - August 2024 📍 Tunisia

- Implemented a web application for employee management and streamlined certification generation (salary, work, internship).
- Created dashboards to track attendance, tardiness, absence, and leave balances.
- Initiated an automated CV recommendation system to enhance recruitment.

AGILE 4UX

Microsoft Teams Application Developer Intern

📅 July 2023 - September 2023 📍 Tunisia

- Launched a Microsoft Teams application to monitor employee well-being by allowing mood reporting, messaging managers, and submitting anonymous suggestions, fostering a supportive and proactive work environment.

AGILE 4UX

Data Manipulation Process Intern

📅 July 2022 - September 2022 📍 Tunisia

- Optimized the process of transferring data from CSV files to various databases through an intuitive user interface. Ensured flexibility for multiple database systems.

AGILE 4UX

Artificial Intelligence Intern

📅 July 2021 - September 2021 📍 Tunisia

- Delivered a detailed presentation on artificial intelligence and developed C code to train an artificial neuron, showcasing AI concepts and neural network fundamentals.

GENERAL SKILLS

Times Series Forecasting Data Visualization Machine Learning
Deep Learning Statistical Analysis NLP Data Preparation
Linear algebra Probability Theory Interpersonal skills
Database Structures and Algorithms Git

ACADEMIC PROJECTS

ESPRIT

Automated Project Risk Management System

📅 September 2024 - Present

- Created an automated conceptual graph for project risk management, enhancing data structures and building a web-based recommendation engine.

ESPRIT

Oil Depot Inventory Forecasting System

📅 January 2024 - May 2024

- Engineered a robust forecasting system for oil depots to ensure stock availability and optimize orders.

ESPRIT

Intrusion Detection Systems

📅 November 2023-December 2023

- Designed an anomaly detection for network security with the NSL KDD dataset to classify and predict malicious activities.

ESPRIT

Analysis of hourly data on Tropospheric Ozone

📅 November 2023-December 2023

- Analyzed Tropospheric Ozone (O3) data from Tunisia (2014-2015) to study concentration variations.

TECHNICAL SKILLS

- **Operating Systems :**
  Windows, Ubuntu
- **Database/Server:**
  Oracle Database, MySQL, PostgreSQL, SQL Server, Neo4j, MongoDB
- **Programming Languages:**
  Python, R, JavaScript, PHP, C
- **Tools & Libraries:**
  Pandas, Numpy, Matplotlib, Seaborn, Plotly, SweetViz, Statsmodels, Scikit-learn, Keras, TensorFlow, Flask, OpenCV, NLTK, REST APIs

CERTIFICATION

Python for Data Science, AI & Development