

DRIDI HELMI

DATA SCIENTIST

CONTACT

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- Tunis, Tunisie

SKILLS

- Programming languages:**
C++, Java, Python(Numpy, Pandas, Scikit-learn, Keras)
TypeScript, JavaScript, PHP, Golang, R.
- DataBase:**
PostgreSQL, MongoDB, MySQL.
- Versionning:**
Git, Github, Gitlab.
- Framework :**
SpringBoot, Symfony, Django
- Methodology:**
Scrum, IBM.
- Unix, UML, PL/SQL**

CERTIFICATES

- Git Fundamentals**
 - Study.tn
- Scrum Fundamentals Certified**
 - Scrum.org

COMMUNITY INVOLVEMENT

- Member of Lions Club Tunis Golf Sokra**
2022-2024

EDUCATION

- National Engineer's Degree in Data Science**
With honors (Excellent)
Private Higher School of Engineering and Technology(ESPRIT) 2019-2024
- Baccalaureate with honor**
Lycee menzah 9 2019

LANGUAGES

- French B2
- English B2

PROFESSIONAL EXPERIENCE

Intern at Tunisian Cloud

- Intern 15/01/2024 - 15/08/2024
- Developed a web-based chatbot flow manager and an LLM-powered RAG chatbot for efficient information retrieval.
 - Implemented an intent-based training system.
 - Designed and developed both the backend and frontend for a seamless user experience.
- Technologies used : Angular, Golang, swagger, Python, Langchain, Roberta.**

Intern at Tunisian Cloud

- Intern 07/06/2023 - 07/08/2023
- Developed a chatbot using BERT for intent recognition, language detection, and sentiment analysis.
 - Fine-tuned models and optimized performance in Jupyter Notebook.
 - Integrated all modules into a seamless end-to-end solution.
- Technologies used : Python, Langchain, Jupyter Notebook, Kaggle .**

Intern at the Central Bank of Tunisia

- intern 15/06/2022 - 31/07/2022
- Built a RESTful API for file exchange and a Java application for concurrent transfers, optimizing database with PL/SQL in Oracle 19c.
- Technologies used : Java, PL/SQL, Oracle 19c, Eclipse .**

SCHOOL PROJECTS

AI-Powered PRM

- Enhanced Project Risk Management using Conceptual Graphs and Recommendation Systems, leveraging machine learning to reduce project failures. 2024
- Technologies used: Python, Jupyter Notebook, NLTK, SBERT, BERT, YOLOv8, Kaggle.**

Neural Network Navigator

- AI-based solution to help students understand and visualize mathematical problems. 2023
- Technologies used: Flask, Python, Jupyter Notebook, GANs, Tesseract OCR, NLTK.**

DevOps

- Implemented a CI/CD pipeline for a Spring-Angular project. 2022
- Technologies used: Jenkins, Git, JUnit, Nexus, SonarQube, Docker, Prometheus, Grafana.**

Sportify

- A full-stack application for managing sports places and players . 2022
- Technologies used: Java, JavaFX, Symfony, Git, MySQL, HTML, CSS, JavaScript, Twig, PHP, UML.**

Art'isanat

- Developed an e-commerce website for showcasing and shipping Tunisian handicrafts, enhancing artisans' visibility. 2021
- Technologies used: HTML, CSS, JavaScript, PHP, MySQL**

Taza

- An SDL application . 2020
- Technologies used: C, Git.**