

CHIHAB MEZRIGUI

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I am currently a 2nd year master's student in Big Data & Artificial Intelligence.

EDUCATION

Master Big data & AI
IPSSI Paris 2023-2025

Bachelor degree in Computer Science
Carthage University of Tunis 2020 -2023

PROFESSIONAL EXPERIENCE

Data Software Engineering Intern • RDIUP

November 2023 - Present

- **Client-Side Technologies:** JavaScript with React.js Library .
- **CSS Libraries:** Antd and React Material-UI .
- **Server-Side Technologies:** Python with Django framework .
- **Database :** SQL SQLite .
- **Data Technologies:** ETL processes from CSV files, including data processing and pre-processing .
Pandas, Matplotlib, NumPy, Seaborn, Jupyter environment .
- **Functions:**
 1. Implemented real-time data display features to provide users with up-to-date information .
 2. Integrated Electricity Maps for real-time carbon intensity data display and Mapbox API for map rendering.
 3. Processed and pre-processed data using ETL pipelines from CSV files .
 4. Visualized data on graphical interfaces using Pandas, Matplotlib, NumPy, and other libraries in a Jupyter environment .
 5. Conducted data analysis and visualizations using Seaborn ..
 6. Managed version control and continuous integration with Git GitLab CI .

Fullstack developer Intern (PFE) • RDIUP

April 2023 - August 2023

- **Client-Side Technologies:** JavaScript with React native framework
- **Server-Side Technologies:** Python with Django framework
- **Database :** NoSQL MongoDB .
- **Functions:**
 1. Participated in mobile application development .
 2. Integrated various APIs, including Map API and Mapbox API, for enhanced functionality .
 3. Developed and maintained RESTful APIs with Django for communication between the frontend and backend .
 4. Managed version control and continuous integration with Git and GitLab CI .

Fullstack developer Intern • National computer center of Tunis .

March 2022 - Mai 2022

- **Client-Side Technologies:** Typescript with Angular framework
- **Server-Side Technologies:** Java with Spring boot
- **Database :** PostgreSQL .
- **Functions:**
 1. Developed and maintained RESTful APIs with Spring Boot for the backend .
 2. Utilized Swagger for API documentation and testing
 3. Conducted unit and integration testing to ensure high-quality .
 4. Managed version control and continuous integration with Git and Github.

PERSONAL PROJECTS

Exploratory Data Analysis (EDA): Credit simulation

- The analysis is focused on exploring data related to credit simulation .
- Jupyter Notebook for this project & dataframe csv from kaggle | Pandas for DataFrame manipulation | Matplotlib for basic plotting | Seaborn for data visualization techniques | Pickle for model serialization to facilitate deployment | Flask was utilized for the graphical user interface (GUI).

SKILLS

- **Frontend :**
JavaScript -React Js - React MUI
React native -Typescript - Angular
- **Backend :**
Python - Django
Java - Spring boot
- **Technical Environnement DATA :**
Excel ,Python , Flask , Bigquery , Power BI,
Gitlab CI/CD , Pandas ,Matplotlib,Seaborn,
TensorFlow Scikit-learn , Numpy ...
- **Test tools :** Swagger - Postman
- **Source code management tool :** GIT : GITHUB - GTILAB
- **Database :**
NoSQL Database : MongoDB-Cassandra
SQL Database : SQLite - PostgreSQL - Maria DB
- **Cloud Environment :** GCP(Google cloud platform)

LANGUAGES

- French- English - German

DRIVER'S LICENSE

- Category B