

Chedi TRABELSI

📍 Sfax, Tunisia — ✉ trabelsichedi02@gmail.com — ☎ +216 27900909 — [in](#) Chedi Trabelsi

Profile

Final-year **data engineering student** with a strong academic background and a deep interest in data science and analytics. My primary motivation lies in leveraging data-driven approaches to extract insights and drive informed decisions. I am actively seeking an internship opportunity that will allow me to apply and further develop my technical and analytical skills within a professional and challenging environment.

Education

Faculty of Sciences of Sfax	2021 – Present
Engineering Degree in Data Engineering	
Integrated Preparatory Cycle	
Habib Maazoun High School, Tunisia, Sfax	2017 – 2021
Baccalaureate in Mathematics – High Honors	

Professional Experience

Data Science Internship	Jul – Aug 2025
<i>Poulina Group Holding (PGH) , Tunis</i>	
<ul style="list-style-type: none">Designed an LLM agent with LangChain to provide insights on DAX measures (KPIs) and dashboard visualizations.Implemented a dashboard recommendation system based on project requirement documents.Built the application using FastAPI (backend) and React (frontend).	

Data Science Internship	Jun – Jul 2024
<i>Sagemcom Tunisie , Tunis</i>	
<ul style="list-style-type: none">Participated in the design of an intelligent decision support system for software validation.Developed a multi-agent system based on the LangChain framework, integrating LLM (Large Language Models) to analyze code changes and recommend relevant tests.	

Business Intelligence Internship	Jun – Jul 2023
<i>All Soft Multimedia , Sfax</i>	
<ul style="list-style-type: none">Design of an interactive dashboard using Power BI for analyzing sales and cash flow in a cafe/restaurant.	

Academic Projects

Automatic Recognition of Tunisian License Plates	Oct – Dec 2025
<ul style="list-style-type: none">Segmentation and classification of image regions to detect license plates.Character recognition using OCR (Tesseract / Deep Learning).	

LLM Fusion for Biomedical Question Answering – Final Year Project	Feb – May 2025
<ul style="list-style-type: none">Designed a biomedical question-answering system based on Large Language Models (LLMs).Used MergeKit to merge two models (mistral-7b-instruct-v0.2 and BioMistral-7B) to create a more performant model.	

Advanced football data analysis application	April 2025
<ul style="list-style-type: none">Exploratory Data Analysis (EDA) to identify correlations between different performance metrics.Detection of underrated players using machine learning models and identification of similar players based on user-selected metrics.	

Associative Experience

Human Resources Manager – Google Developer Student Club	Sep 2024 – Jun 2025
Logistics and Sponsorship Manager - Google Developer Student Club	Sep 2023 – Jun 2024

Skills

Programming Languages : Python, Java, C++
Frameworks & Libraries : FastAPI, React, LangChain, Pandas, Scikit-learn, TensorFlow, PyTorch
Big Data & Databases : Hadoop, Spark, Hive, Kafka, MySQL, PostgreSQL, SQL Server
Data Science & IA : Machine Learning, Deep Learning, NLP, LLMs, Computer Vision

Languages

Arabic: Natif **French:** Fluent **English:** Fluent (C1 level – TOEIC certified)