



PROFILE

Recently graduate in Data-Science, I am passionate about building advanced ML models and AI based solutions to address real-world challenges.

With a robust background in data analytics, model creation, and problem-solving, I want to apply my expertise in a new dynamic professional environment.

SKILLS

- critical thinking
- problem-solving
- Statistical Analysis
- ML, Deep Learning,LLMs, NLP
- AI agents: RAG,LangChain
- Artificial Intelligence (AI) : TensorFlow,PyTorch,Keras
- Data engineering tools : Elasticsearch,NiFi,Airflow,pgAdmin
- Databases: MongoDB, chroma
- Programming languages : Python, java
- Big Data Technologies: Hadoop, Spark
- DevOps tools : Docker
- Cloud : AWS
- Development : HTML , CSS , JavaScript,React,Gradio,

Language

French

English

Arabic

Belgacem Chaibi

Data Scientist & AI Engineer

in

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EDUCATION

- Preparatory cycle for engineering studies |
Institution: IPEIM | The institute for engineering studies Monastir
- Degree in mathematics | 2023
Institution: FSM| Faculty of Sciences Monastir
- Master's degree in Data Science | 2024-2025
Institution: ISIMM | Higher Institute of Computer Science and Mathematics of Monastir

PROJECTS

- Heart disease predictor (ML)
Built a machine learning model to predict heart disease based on factors like age, sleep hours, BMI, Smoking, AlcoholDrinking...achieving 90% accuracy .
Technologies used : compairing 8 ML algorithms of classification ..
- Movie rating (Big Data Hadoop)
The design and optimization of a scalable system that can efficiently process large datasets over 1 million user votes for accurate film evaluations.
- Attacks Prediction in Healthcare Devices (Deep Learning : ANN)
A model created to detect and mitigate security threats in Internet of Medical Things (IoMT) environments. achieving 99% accuracy
- End Of study project (Nutrition AI-based mobile App)
Developed an AI-powered nutrition app with hybrid recommendations, a ChromaDB-LangChain chatbot, and LLM-based guidance. Built a data pipeline for real-time product sync via web scraping. Integrated RAG, NLP, and embeddings for personalized, context-aware user interactions.

INTERNSHIP

- AI Data Engineers intern
in ORNTECH , France
from 01/02/2025 to 01/09/2025
- Python developer & data scientist intern
in ORNTECH , France
from 15/06/2024 to 30/09/2024
- Data Science & Business Analytics intern
in The Sparks Foundation(TSF)
from 01/04/2024 to 30/04/2024

TRAINING & CERTIFICATIONS

- Cloud Foundations Certification from AWS Academy
AWS Architecture – AWS Cloud – AWS Services: storage ,networking,databases
- Python for data science,AI & Development Certification
from IBM
- Deep Learning with Keras and Tensorflow Certification from IBM
- Level B1 English
Bourguiba Institute of Modern Languages (IBLV)

CLUBS & ASSOCIATIONS:

- ATIA | Tunisian Association for Artificial Inteligence ISIMM Club
(09/2023 - Present)
- IEEE ISMM CIS Student Chapter
(Computational Intelligence Society)
(01/2024 - Present)