Dorra Ben nsira

Computer Science Student

PROFILE

I am a third-year Computer Engineering student at the National School of Engineers of Tunis (ENSIT). I am an enthusiastic, motivated, and methodical person with strong analytical and problem-solving skills. I am eager to learn and curious to explore new technologies and tools to put them into practice.

CONTACT

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EDUCATION

ENSIT | 2022-2025
Engineering Cycle

Preparatory Institute for Engineering Studies | 2020-2022
Section: Mathematics-Physics

Secondary School Bir Ali | Graduated in 2020
Baccalaureate Diploma(Section: Mathematics)

INTERNSHIPS AND PROJECTS

Development of e-commerce web application | September 2024

Academic project

- Implemented features such as product management, shopping cart, user authentication, and order processing. Ensured a responsive and user-friendly interface with secure backend services.
- Technologies : Angular, Spring Boot, MySQL

Development of a Restaurant Management Web Application | July 2024

Growup agency

- Table Management, Menu Management, Reservation Management, Point of Sale System, Billing and Payment, Order Management
- Backend Development with Laravel, Frontend Development with Flutter, Database: MySQL

Development of the ChefConnect Mobile Application | May 2024

End of Year Project

- Recipe Sharing Mobile Application: Development of a mobile application with interfaces similar to Facebook for sharing recipes.
- Technologies : Flutter, Firebase

E-commerce Mobile Application | April 2024

Academic Project

- Development of a Mobile Application for Buying and Selling Used Products
- Technologies : Ionic, Node.js, MongoDB

Development of Two Showcase Websites | July 2023

Greenspace Coworking agency

- The internship project revolves around the design and development of two distinct showcase websites.
- Technologies : Angular, Bootstrap, Tailwind, CSS, TypeScript, BotpressMongoDB

MACHNE LEARNING PROJECTS

Recommender System for Movies | September 2024
Academic project

- In this project, I build a movie recommendation system based on user ratings and movie attributes. I apply collaborative filtering or content-based filtering techniques to recommend movies to users based on their preferences and similarity to other users.
- Technologies:Python,Pandas: NumPy,Scikit-learn ,Surprise ,Matplotlib/Seaborn

Sentiment Analysis on Tweets | June 2024
Academic project

- This project focuses on natural language processing (NLP) to analyze the sentiment (positive, negative, or neutral) of tweets
- Technologies:Python,NLTK (for text pre-processing),Scikit-learn (for classification models),Pandas (for data handling)

House Price Prediction | October 2023
Academic project

- In this regression project, i built a model to predict the prices of houses based on features like square footage, number of bedrooms, location, etc. The project introduced regression algorithms like Linear Regression
- Technologies:Python,Scikit-learn (for regression models),Pandas (for data manipulation),Matplotlib/Seaborn (for data visualization)

SKILLS
Programmation languages :c, c++ ,java,php

Frontend : Angular,bootstrap,Flutter ,Ionic

backend : Springboot,Laravel,nodejs

database : Mongodb,MySQL,Firebase

dVersion Control :git,github

MACHINE LEARNING TECHNOLOGIES:
Programmation languages :python,R

Frameworks : TensorFlow,Keras,Scikit-learn

Tools and Platforms: Jupyter Notebook,Google Colab

LANGUAGE

Arabic(C2)

English(B2)

French(B2)

German(A1)

CERTIFICATIONS

IBM:Python for Data Science, AI & Development

Microsoft Certified: Azure AI Fundamentals

AWS Academy Graduate - AWS Academy Machine Learning Foundations