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🏠 sidi bou ali,sousse

📅 Date of birth 07/25/2000

🇹🇳 Tunisian

📍 soussse

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Languages

Arabic

Native language

English

Advanced

French

Advanced

Social networks

🐦 @bacembenakkari

in @bacembenakkari

Computer Skills

Deep Learning

TensorFlow

Pytorch

Keras

Machine Learning

Scikit-learn

XGBoost

NLP

Llama

GPT

Data Analysis

Power BI

SSAS

Matplotlib

Seaborn

Web Scraping

BeautifulSoup

Scrapy

Programming Languages

Python

Java

Frameworks

Nodejs

Symfony

ReactNative

Angular

Reactjs

Certifications

The Machine Learning
Algorithms A-Z

Web Scraping and API
Fundamentals in Python

Certified Database Specialist -
Certiport

Bacem BEN AKKARI

Computer Engineering Student

Final year computer engineering student with experience in artificial intelligence and programming especially using Python. I would like to contribute to AI-based quality monitoring solutions using good learning and communication skills, which I also possess.

Education

Computer Engineering Cycle : Data Science Engineering

Since September 2022 [polytechnique sousse](#) Sousse, SS, Tunisia

Preparatory Math Physics

From September 2019 to June 2021

[Higher School of Science and Technology Hamem](#) Sousse, SS, Tunisia

Baccalaureate In Mathematics

From September 2018 to June 2019 [saalem ben hmida](#) Sousse, SS, Tunisia

Internships

Remote Phone Control Module Students

From July 2024 to September 2024 [Abajim Sousse](#) Sousse, SS, Tunisia

Developed remote control functionality in student phones during exams: teachers can start an exam mode where phone functionality is restricted, only allowing text import and scanning within the app. This is crucial to maintaining the integrity of exams.

Technologies: React Native, Node.js, MongoDB

Network and connectivity internship at Tunisie Telecom

From July 2023 to September 2023 [Tunisie Telecom](#) Sousse, SS, Tunisia

I completed my internship at Tunisie Telecom, where, in fact, I got hands-on experience in fiber optics and RJ45 cabling. Indeed, Tunisie Telecom is responsible for network sharing and ensuring connectivity all over the country.

Academic projects

Predictive Modeling for Semiconductor Yield Optimization

From November 2024 to December 2024 [Academic Project](#) Sousse, SS, Tunisia

Developed a classifier to predict pass/fail outcomes in semiconductor manufacturing, optimizing yield by analyzing sensor data and identifying key signals.

Age and Gender Prediction from Photos

From April 2024 to May 2024 [Academic Project](#) Sousse, SS, Tunisia

Trained a model from dataset facial images to predict the age and gender of people depicted in pictures using Deep Learning methods in Python for backend Model development and programming.

Chatbot for Book Recommendations

From March 2024 to April 2024 [Academic Project](#) Sousse, SS, Tunisia

Flask-based chatbot providing personalized book recommendations using RAG (Retrieval-Augmented Generation) to dynamically enhance suggestions. Integrated LAMA, Scikit Learn, and Pandas for data analysis, user preference processing, and generating accurate, context-aware recommendations.

MathSolver AI Chatbot

November 2024 [Academic Project](#) Sousse, SS, Tunisia

Developed an NLP-powered chatbot to assist students in solving mathematical equations, providing step-by-step solutions to enhance learning and understanding.

Black Friday Promotions Analysis

From November 2024 to December 2024 [Academic Project](#) Sousse, SS, Tunisia

Conducted data analysis and web scraping to track Black Friday promotions, comparing price changes and trends before and after the event.

Financial Data Analysis Dashboard

From November 2024 to December 2024 [Academic Project](#) Sousse, SS, Tunisia

Designed a financial dashboard in Power BI to analyze sales, profits, and segment performance. Integrated dynamic filters and drill-downs for actionable insights. Enhanced decision-making through interactive visualizations.