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Objective

As a fresh graduate student in AI engineering, I bring a dynamic blend of theoretical knowledge and practical skills to the forefront. My passion for cutting-edge technology and innovation drives my pursuit of excellence in the field

Education

Bachelor's degree in Computer Science – graduated Class 2024

Modern Academy – Faculty of Computer Science

Post-graduation Studies

- Artificial Intelligence Diploma Grade : 95% (8Months)

- Data Science Career Track From DATACAMP

Experience

ElMOMedical Company

Job Title: Odoo Developer

From August 2024 – To Present

-Module Development: Designing and developing new Odoo modules or customizing existing ones to meet business requirements.

- Customization: Tailoring Odoo's functionalities to fit the specific needs of a business, including customizing forms, reports, workflows, and dashboards.

- Integration: Integrating Odoo with third-party applications, such as payment gateways, shipping services, or other business systems.....etc.

Courses

-Hands-on Machine Learning with Scikit-Learn,Keras,TensorFlow.

- Python Course at FreeCodeCamp,Hesham Assem Channel,W3School

Internships

- Trainee at "TechnoHacks" during May 2024.

- Trainee at "Code Alpha" during July 2024.

Languages

Arabic → Native

English → Good(C1)

Soft Skills

- Communications Skills
- Self and Time Management
- Multiple task at the same time
- ~~Pro~~blem Solving
- Team Collaboration
- Adaptability
- Critical Thinking
- Continuous Learning
- Attention To Details

Technical Skills

- Python
- Numpy
- Pandas
- Matplotlib
- Data Preprocessing
- Feature Engineering
- Model Evaluation
- Hyperparameter Tuning
- Data Visualization
- Statistical Analysis
- Version Control (Git, GitHub)
- APIs
- TensorFlow
- Keras
- Scikit-learn
- Computer Vision
- Natural Language Processing (NLP)
- Seaborn
- SQL
- Power Bi
- Model Selection

Projects

Graduation Project (A+)

Text-Image Search

For my culminating project, I delved into the fascinating world of AI by developing an Image Caption Generator . This project utilized Convolutional Neural Networks (**CNNs**), Long Short-Term Memory networks (**LSTMs**), and **Transformers** to create a model capable of generating descriptive captions for images automatically. This endeavor not only honed my technical skills but also fueled my passion for advancing AI technologies.

Text Summarization

from meticulously preprocessing data to strategically selecting the T5 model. After implementation, fine-tuning was key to optimizing performance. Now, with thorough evaluation and testing, the results speak for themselves. Excited to continue pushing the boundaries of AI

Breast Cancer Detection

From meticulously preprocessing tabular and image data to selecting the optimal model and fine-tuning it for peak performance, every step was a testament to dedication. Now, as I evaluate and test the model's efficacy, I'm excited to contribute to advancements in healthcare through AI technology.

Mask object Detection

This project aims to implement object detection using YOLOv8, a state-of-the-art deep learning architecture known for its speed and accuracy in real-time object detection tasks. YOLOv8 (You Only Look Once version 8) builds upon the success of previous versions, integrating advancements in neural network architectures and training strategies to achieve superior performance.

Music Recommendation System Using Spotify API

Developed a Hybird Music Recommendation System leveraging the Spotify API, designed to enhance user experience by suggesting personalized music tracks based on user preferences and listening history,
The system integrates with Spotify’s vast music database to recommend songs, artists and playlists that align with the user's musical tastes.

House Price Prediction

Developed a House Price Prediction model utilizing the Random Forest algorithm, aimed at accurately predicting the market value of residential properties based on various features
The project involved data preprocessing, feature engineering,
and the application of a robust machine learning model to provide reliable predictions.