Yousif Hajajj

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Experience

Almentor | Part time Coordinator   **Jun 2024 – Present**

- Assisted Almentor in organizing sessions to ensure smooth delivery and effective learning outcomes.
- Managed audience logistics, ensuring attendees were well-informed and engaged.
- Provided support to students during sessions, addressing their needs and facilitating their participation.

FREELANCE | AI Engineer – Irrigation Scheduling Project   **Apr 2025 – Mar 2025**

- Built a machine learning model to predict soil water needs for optimized irrigation.
- Created full documentation with UML diagrams (Use Case, Sequence, Class, Component).
- Delivered a functional solution to support data-driven agricultural decisions.

SMSM AI | NLP Engineer   **Mar 2024 – Jun 2024**

- Spearheaded a real-time project focused on Egyptian dialect machine translation.
- Elevated to the position of Team Leader within the project team.
- Successfully led the team in collecting relevant data for the project.
- Oversaw the implementation of machine translation models.
- Achieved significant success in project execution, leading to notable outcomes.

ZEWAIL CITY | AI TRAINEE   **Aug 2023 - Jan 2024**

- This training at Zewail city was very useful to learn AI and machine learning basics.
- Acquire a comprehensive understanding of data science and artificial intelligence principles to analyze real-world data and contribute to technological innovation.
- Develop proficiency in big data analytics, machine learning, and AI techniques to drive data-driven decision-making processes.
- Skills: Data science, Deep Learning, Machine learning, Python, Artificial Intelligence(AI)

Projects

Learning Management System(Web API). <u>Link</u>   **Apr 2025 -May 2025**

Overview: A clean and modular Learning Management System (LMS) built with ASP.NET Core 9.0.
This backend provides user authentication, course and lesson management, student enrollment, quizzes, assignments, and more.

E-Commerce(Web API). <u>Link</u>   **Apr 2025 -Apr 2025**

Overview: A modular and scalable E-Commerce API built with ASP.NET Core 9.0.This project provides full backend functionality for users, sellers, products, shopping carts, payments, reviews, and orders.

Medical Center(Web API). <u>Link</u>   **Mar 2025 -Apr 2025**

Overview: Backend system for a medical center using ASP.NET Core Web API 9.0. Supports roles (admin, doctor, patient), appointments, doctor availability, and reviews. Secured with JWT and documented with Swagger.

CineFlex(MVC). <u>Link</u>   **Feb 2025 -Feb 2025**

Overview: Built CineFlex, a movie booking web app using ASP.NET Core MVC. Users can browse movies, view details, and book tickets, while admins manage all content through a secure dashboard. Clean architecture, full CRUD, and role-based access.

IMATOR, Text TO Image Generator. Link   **Aug 2023 -Jun 2024**

Overview: This is my graduation project that Developed a cutting-edge text-to-image generator utilizing deep learning algorithms to convert textual descriptions into high-quality images, revolutionizing content creation and visual storytelling.

Arabic, Egyptian dialect, to English Translation. Link   **Mar 2024 -May 2024**

Overview: Developed an innovative translation system designed to accurately translate the Egyptian Arabic dialect into English, enhancing cross-cultural communication and understanding.

Education

Bachelor OF computers and Artificial Intelligence Banha University.   **Aug 2020 - Aug 2024**

Major: Artificial Intelligence | Minor: Data Science

Grade: Very Good

Skills

Computer: Proficient in Microsoft Office (Word – Excel – PowerPoint – Outlook – Forms – Power BI, Tableau), Skilled in Computer troubleshooting (Hardware & software).

Software Development: C#, Asp .Net Core Web Api, Asp .Net MVC, Entity Framework,LiNQ, , Git and Github.

AI: Python (Numpy, Pandas, etc.), Machine Learning, Deep Learning, Data Science, Data Mining, Data Analyst and Analytical Skills, NLP, LLM, Transformers,GenAI.

Language: Arabic (Native), English (Professional)

Achievements

3rd Place Winner | *3rd Graduate Applied Sciences Student Conference*.   **May 2024 | Benha University**
Developed and presented **"IMATOR.AI: Text-to-Image Generator"**, competing against 50+ interdisciplinary projects across all faculties at Benha University. Link

Certifications

Business Data Analysis Using Excel Link	**2024	Almentor**
AWS Academy Data Engineering. Link	**2024	AWS Academy**
SQL Certificate. Link	**2024	HackerRank**
Artificial Intelligence and Applications Training Link	**2024	ZEWAIL City**
Python for Data Science, AI and Development Link	**2024	IBM**
Python Project for Data Science Link	**2024	IBM**
Introduction To Data Analysis Link	**2024	IBM**
Data Analytics Essentials Link	**2024	IBM**
Preparing Data for Analysis with Microsoft Excel Link	**2024	Microsoft**
Deep Neural Network Link	**2023	deeplearning.AI**
CCNA from Cisco networking academy Link	**2022	Cisco**