Mohamed Osama Mohamed AI junior

✉ hamaozil1666@gmail.com
📍 Qalubia,Banha
🐙 github/Mohaned-Osama

📞 01017110310
in linkedin/mohamed eid
⊛ codepen.io/Mohamed-Eid-the-bold/pens

Education

2020/08 – 2024/06 Banha University	**Bachelor of Computer Science and Artificial Intelligence** *Faculty of Computers and Artificial Intelligence*
2022/08 – 2022/09 Benha University	**Python Summer Training** *Learn Python basics besides GUI.Was able to make a simple chat app with Tkinter and Socket.*
2023/05 – 2023/08 Shibin ElKom	***ITI Summer Training (IOT Track)*** *The Information Technology Institute,* *120 hours in the Internet Of Things, JavaScript, CSS, and HTML in addition to Communication Skills, Teamwork, and Time Management.*

Professional Experience

2024/09 – present Benha

Arduino Instructor
IEEE
- Teaching students about Arduino.
- Develop projects and create presentations.
- Guiding them on delivering presentations in front of an audience.

2024/09 –present Banha

online coordinator
Almentor
- Attending online session to teach children about programming.
- Follow up with them to verify their understanding.
- Use spreadsheets to take attendance.
- Help the instructor explain various programming terminologies.
- Evaluate their work.

2024/09 -present Benha

Arduino Head
IEEE
- Develop C & Arduino content for academic students.
- Teaching advanced topics in both C and Arduino.
- Follow up and evaluate with them.
- Developing projects and teaching soft skills.

Skills

Machine Learning	Deep Learning	Negotiation	Management Skills
NLP	Computer Vision	Critical Thinking	Creativity
Problem Solving	Team work	Leadership	

Awards

2023/07	• **1st place in The 7th International Competition of Military Technical College (ICMTC) for Arabic Text Summarization.**
2024/05	• **3rd place at The 3rd Annual Conference of Undergraduate Students for Applied Science wit Text-To-Image generator (IMATOR.AI).**

Projects

- **ToDoList-website** A website built with the Django framework, it features three pages (login, registration, to-do list) and allows users to add, edit, and remove tasks while visualizing them.

- **Blog-website** A website developed with the Django framework, featuring pages for login, registration, blog visualization, and blog creation.

- **PersonalApp uses MIT App Inventor** which looks like a portfolio website but the difference is that the app runs on your mobile, The main goal of it is to share your personal and contact information with others including your CV.

- **Dubai Real Estate Goldmine, UAE Rental Market Data** Imaging moving to Dubai and wanting to buy a house, wouldn't it be easier if there were someone to provide you with all home prices based on location, furniture, and age? I have accomplished that in this data science project through some EDA and AI models.

- **Customer-churn-prediction-using-ANN** It involves measuring the number of customers who are leaving the business, such as customers switching from one bank to another. This project focuses on assessing the factors that influence customer attrition, including demographic information (gender, age), customer account details, and other relevant attributes.

- **IMATOR.AI** This application aims to provide users with the ability to generate images by inputting descriptive text. The application was developed using Diffusion models' techniques and deployed as a mobile application with Flutter framework.

- **Morse code translator** with Arduino, LCD, and laptop speaker, thisproject involves sending, translating, displaying, and even vocalizing Morse code, used for transmitting encrypted data through dots and dashes.

- **Smart Home Automation with IoT** This application was created using NodeMcu and MQTT protocol to make home control easier and was deployed as a Flutter mobile app.

- **Image classification using CNN** This model was developed to categorize images into 2 groups (men and women) using a Convolutional Neural Network.

Projects

- **Flight ticket reservation system** A desktop application for flight reservations was developed in Java and uses SQL to retrieve information from a database.

- **CRUD System** A CRUD system is a web application built with HTML, CSS, and JavaScript that allows users to create, read, update, and delete business records efficiently through an intuitive interface.

- **Blog Website** is a simple website built with Python/Django framework, JavaScript, HTML, and CSS. It includes viewing, creating, and reacting to blogs. it also has user authentication.

- **TODO-list Website** is a simple website built with Python/Django framework, JavaScript, HTML, and CSS. It includes viewing, creating, and deleting todo items. it also has user authentication.

PROGRAMMING SKILLS

- Python
- pytorch
- MIT App Inventor
- HTML/CSS
- c /c++
- Data structure
- OOP
- Arduino
- Java
- Django
- algorithms
- SQL
- JavaScript