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Objectives

AI graduate with a strong interest in text and image processing, and hands-on experience in web development. During my military service, I contributed to one of the largest projects, The Digital Archive, using Python, Django, HTML, CSS, and JavaScript. I have also strengthened my JavaScript knowledge through API integration and Postman testing. Currently advancing my skills in React, with plans to expand into Node.js and pursue a full-stack career as a MERN developer.

Education

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

Professional Experience

2023/09 – 2024/09	Arduino Instructor <i>IEEE</i> <ul style="list-style-type: none">• Teaching students about Arduino.• Develop projects and create presentations.• Guiding them on delivering presentations in front of an audience.
2023/06 – 2024/09	online coordinator <i>Almentor</i> <ul style="list-style-type: none">• 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.

2023/09 –2024/09

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.

2024/12-2025/12

Web Developer

EgyptianArmyForces

Worked as fullstack developer with python/django framwork.

Delivering full working business websites.

Maintaining websites performance.

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.

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.
- **IslamicCalculator Website** is a simple website built with HTML/CSS and JS that displays the 5 prayer times for the selected country/current location besides displaying the pray times on any date.
- **MilitaryArchive Website** is a website developed to digitize the process of normal archives from writing, saving(archiving), and sending documents among units. The project was mainly designed with the help of Django framework besides HTML, CSS, and JavaScript.
- **Morse code translator** with Arduino, LCD, and laptop speaker, this project 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.

Skills

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

PROGRAMMING SKILLS

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