

Contact

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[0s17.github.io/Portfolio/](#) (Personal)

Top Skills

Artificial Intelligence (AI)

Electronics

Embedded Systems

Osama sheriff

Mechatronics Engineer | AI & Chatbot Enthusiast | Python
Programmer | Control Systems | Machine Learning | Mechanical
Design | Video Editor

Al Manşūrah, Ad Daqahliyah, Egypt

Summary

As a final-year Mechatronics Engineering student at Mansoura University, I am passionate about AI and chatbot development. I have completed AI training under the 'Ro'ad Misr Digital' initiative, focusing on chatbots and conversational AI. My interest in AI extends to machine learning, where I have worked on various projects, including object detection, tracking, and classification.

Beyond AI, I have a diverse skill set in control systems, having worked extensively with Python, Arduino, and Raspberry Pi for automation. My experience spans across programming in languages like C, MATLAB, and Bash scripting. Additionally, I have designed mechanical systems using SolidWorks and developed control mechanisms with CNC and PLC programming.

With a background in video and image editing using Premiere and Photoshop, I combine technical skills with creativity to bring projects to life. I'm always looking for opportunities to collaborate on innovative engineering and AI projects.

Experience

Digital Egypt Pioneers Initiative - DEPI

Intern

April 2024 - Present (6 months)

El Mansoura, Ad Daqahliyah, Egypt

Machine Learning and AI Trainee

Participated in a comprehensive program focused on machine learning and artificial intelligence.

Worked on projects involving data analysis, algorithm development, and AI implementation.

Acquired skills in remote learning technologies and advanced AI techniques

OTO Courses

Intern

April 2024 - Present (6 months)

El Mansoura, Ad Daqahliyah, Egypt

Freelance Yard

Intern

April 2024 - Present (6 months)

El Mansoura, Ad Daqahliyah, Egypt

Mansoura University

Student

September 2019 - Present (5 years 1 month)

Mit Ghamr Water Station

Intern

July 2024 - August 2024 (2 months)

Mit Ghamr, Ad Daqahliyah, Egypt

Mansoura University - Digital Training Center (DTC)

Intern

September 2022 - September 2023 (1 year 1 month)

El Mansoura, Ad Daqahliyah, Egypt

The Arab Contractors

Intern

July 2023 - August 2023 (2 months)

El Mansoura, Ad Daqahliyah, Egypt

Education

Mansoura University

Bachelor's degree, Mechatronics, Robotics, and Automation
Engineering · (September 2020 - February 2025)