

Marslino Edward Helmy

AI Engineer

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About

AI Engineer proficient in machine learning and computer vision. I currently teach AI and work on projects while studying for a Bachelor's degree in Computer Science.

Education

Bachelor's degree 2022 – present
El - Shorouk Academy Egypt
Major: Computer Science
Grade: Excellent

Experience

DEMI Coding Instructor 06/2024 – present
iSchool Egypt
Hybrid full-time instructor teaching programming concepts to students aged 6 to 18.

ML Engineer 01/2024 – 03/2024
CodSoft, Infotech Internship, Remote
Experienced in different real projects like customer churn prediction, movie genre classification.

Data Entry Clerk 02/2023 – 11/2023
Strong attention to detail and organizational skills, achieving **80** WPM with **98%** Acc. Cairo, Maadi

Projects

Computer Vision Junior Projects

- **Sudoku Scanner Solver**
Developed a system that scans Sudoku puzzles from images and solves them using computer vision techniques, enabling users to quickly find solutions to their puzzles.
- **Real-time Object Detection by YOLO:**
Implemented a real-time object detection system using the YOLO (You Only Look Once) algorithm, allowing for efficient identification and tracking of multiple objects in live video streams.
- **Gym Self Coach**
Created a fitness application that serves as a virtual personal trainer, providing users with customized workout plans and tracking progress to enhance their fitness journey.
- **Hand Gesture Volume Controller**
Designed a hand gesture recognition system that allows users to control volume levels on devices through intuitive hand movements, promoting a hands-free interaction experience.

Skills

Programming Languages

Proficient in Python, C++ and C#.

Web Development

Experience in HTML, CSS.

Problem Solving

Critical thinking skills to identify and solve complex programming challenges.

Database Management

SQL Knowledge

Data Visualization

Tableau, Power BI, matplotlib, seaborn, plotly.

Teaching

Delivering clear and engaging coding instruction, adept at simplifying complex concepts.

Activities

Head AI, GDSC Guiding and educating undergraduate students on the latest developments in AI.	2024
Kaggle Notebook Master <i>Ranking 343 out of 61,479 developers on Kaggle</i>	03/2024
ECPC Competitor <i>Twice won my university finals participated in the ECPC competition. (2023, 2024)</i>	

Certificates

AI Diploma, Instant <ul style="list-style-type: none">AI Algorithms and Techniques.Practical Application and Model Deployment.Data Analysis and Problem Solving.	07/2023 – 02/2024
ALX - Africa <i>Scholarship</i> Strong communication and collaboration skills essential in dynamic environments.	12/2022 – 07/2023

Languages

Arabic Native/Bilingual	English Fluent
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