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

Computer Science 2022 – 2026
El - Shorouk Academy Egypt
Grade: Excellent

EXPERIENCE

Head AI, GDSC 2024
Making road maps, Leading university students and teaching.

DEMI Coding Instructor 06/2024 – 09/2024
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 diffrent real projects like customer churn prediciton, 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

ACHIEVEMENT

Kaggle Notebook Master 03/2024
Ranking 343 out of 61,479 developers on Kaggle

ECPC Competitor
Twice won my university finals participated in the ECPC competition. (2023, 2024)

COURSES

AI Diploma, Instant 07/2023 – 02/2024
- AI Algorithms and Techniques.
- Practical Application and Model Deployment.
- Data Analysis and Problem Solving.

ALX - Africa 12/2022 – 07/2023
Scholarship
Strong communication and collaboration skills essential in dynamic environments.

SKILLS

Programming Languages
 Proficient in Python, C++ and C#.

Database Management
SQL Knowledge

Web Development
Experience in HTML, CSS.

Data Visualization
Tableau, Power BI, matplotlib, seaborn, plotly.

Problem Solving
Critical thinking skills to identify and solve complex programming challenges.

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

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.

LANGUAGES

Arabic
Native/Bilingual

English
Fluent