

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.

EXPERIENCE

Head AI, GDSC

2024

Guiding and educating undergraduate students on the latest developments in AI.

DEMI Coding Instructor

iSchool

06/2024 – present | Egypt

Hybrid full-time instructor teaching programming concepts to students aged 6 to 18.

ML Engineer

CodSoft, Infotech

01/2024 – 03/2024 | Internship, Remote

Experienced in different real projects like customer churn prediction, movie genre classification.

Data Entry Clerk

02/2023 – 11/2023 | Cairo, Maadi

Strong attention to detail and organizational skills, achieving **80** WPM with **98%** Acc.

ACHIEVEMENT

Kaggle Notebook Master

Ranking 343 out of 61,479 developers on Kaggle

03/2024

ECPC Competitor

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

EDUCATION

Computer Science

El - Shorouk Academy

2022 – 2026 | Egypt

Grade: Excellent

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.

COURSES

AI Diploma, Instant

07/2023 – 02/2024

- AI Algorithms and Techniques.
- Practical Application and Model Deployment.
- Data Analysis and Problem Solving.

ALX - Africa

Scholarship

12/2022 – 07/2023

Strong communication and collaboration skills essential in dynamic environments.

LANGUAGES

Arabic

Native/Bilingual

English

Fluent

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.