

Tarneem Medhat

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Aspiring Machine Learning Engineer | Passionate about AI & Backend Systems

Summary

Computer Science graduate with Very good, specializing in Artificial Intelligence and Machine Learning. Experienced in system-level design, backend development, and real-time anomaly detection. Strong problem-solving skills with hands-on projects in Python, C++, Java, and .NET. Passionate about applying AI to impactful real-world systems

Education

B.Sc. Computer Science, Elshorouk Academy (2025) – Graduated with Very Good (B), Graduation Project (A+)

Projects

NABD – Remote Patient Monitoring System (Graduation Project, 2025)

- Designed an AI system to monitor patients' vital signs (heart rate, oxygen, temperature) via wearable sensors.
 - Implemented logistic regression to detect anomalies and generate real-time recommendations.
 - Integrated backend using Python, Flask, and MQTT for seamless data communication
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Certifications

- Digital Egypt Pioneers Program – Software Development (.NET Web Developer), MCIT (2024)
 - Introduction to Computer Science – EraaSoft Software Solutions and Training (100 hours, 2023)
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Skills & Technologies

Programming: C++, Java, C#, Python

AI & ML: Logistic Regression, Anomaly Detection, Scikit-learn

Frameworks & Tools: Flask, MQTT, Jupyter Notebook, Anaconda, PyCharm, IntelliJ, Visual Studio

Core Concepts: Data Structures, Algorithms, Problem-Solving, Real-time Systems

Soft Skills

- Fast learner, self-motivated, and research-oriented
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Languages

Arabic: Native

English: Very Good (Written & Spoken)