

# Mohamed Mostafa Alawakey

## Data Scientist, ML Engineer

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www.linkedin.com/in/mohamed--mostafa--alawakey | GitHub | Kaggle

## Profile

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Information Systems Engineering student with a strong Python, SQL, and data analysis foundation. Passionate about leveraging data science, machine learning, and front-end development to build scalable, data-driven solutions. Eager to apply analytical skills and innovative problem-solving to impactful projects while continuously expanding technical expertise.

## Education

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**B.Sc. in Computer Science & Information Systems** 2022 – Present  
**Engineering, Tanta University** Tanta, Egypt

- Completed 3.5 years of study
- Relevant coursework: Data Analysis, Data Science, Machine Learning, Software Engineering

## Work Experience

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**NTI & ESE, Artificial Intelligence Ambassadors** 02/2025 – present  
Remote, Egypt

- Enhancing expertise in **machine learning, data analysis, AI ethics, and prompt engineering**, while solving real-world challenges and effectively interacting with AI systems.
- **Key Areas: Machine Learning, Data Analysis, AI Ethics, Prompt Engineering, AI Interaction**, Problem-Solving, Collaboration.

**ALX Africa, Data Scientist** 01/2025 – present  
Hybrid, Egypt

- Accepted into a competitive Data Science internship program specializing in data cleaning, visualization, and interpretation.
- Expected to apply Python, SQL, Tableau, and AI models to analyze data, derive insights, and support decision-making through machine learning and predictive analytics.

**ITI, UI Developer** 09/2024 – 10/2024  
Al Minufiyah, Egypt

- Completed intensive training in UI development with hands-on projects using HTML5, CSS3, JS, ES6, Bootstrap, SASS, and design tools.

# Projects

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## School Management System

10/2024 – 01/2025

- **Led** a team in developing a secure **C#** school management system, ensuring **70%** of tasks were efficiently managed via **GitHub**.
- **Built** a secure login system, strengthening access control and security.
- **Optimized** admin workflow by **20%** with intuitive UI improvements.

## Task Management Application

11/2024 – 12/2024

- **Developed** a **Python** Tkinter task manager, reducing task organization time by **50%**.
- **Increased** productivity by **40%** through efficient task management features.
- **Optimized** functionality for efficiency, prioritizing performance over design.

## Speed - Car Showroom Website

09/2024 – 10/2024

- **Developed** a responsive car showroom **front-end**, increasing engagement by **45%**.
- **Reduced** browsing time by **60%** through detailed and intuitive listings.

# Skills

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**Programming & Development:** Python | Numpy | Pandas | C# | Java | C++ | Linux | Html | Css | Bootstrap | SQL | PostgreSQL | OOP | Data Structures | Prompt Engineering

**UI:** Photoshop | Illustrator | Figma

**Version Control:** Git | GitHub

**Other Skills:** Teamwork | Leadership | Work Ethic | Communication Skills

# Languages

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Arabic (Native) | English (B2)