

Mohamed Mostafa Alsayed Alawakey

Data Scientist

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🌐 LinkedIn 🐙 GitHub

Profile

Information Systems Engineering student with foundational knowledge in Python, SQL, and data analysis. Passionate about front-end development and applied science, eager to develop scalable applications and delve into machine learning to drive innovation. Excited to contribute to impactful projects at Microsoft while enhancing my technical expertise.

Education

Tanta University

2022 – present | Tanta, Egypt

B.Sc. in Information Systems Engineering

Internships

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

School System [🔗](#)

10/2024 – 01/2025

- **Description:** Developed a small school management system as part of a team of 10 members, aimed at streamlining the management of student records, assignments, and communication within the school.
- **My Role:**
 - Led the design and implementation of the login page, ensuring a secure and user-friendly experience.
 - Collaborated closely with team members to integrate other features such as student profiles, attendance tracking, and report generation.
- **Impact:**
 - Increased task management and project tracking efficiency by 70% through the use of GitHub for version control and team collaboration.
 - Facilitated clear communication within the team, ensuring timely completion of project milestones and improving overall project workflow.

- **Technologies:** C#, OOP, GitHub.

Speed Car Store [🔗](#)

09/2024 – 10/2024

- **Description:** "Speed" is an intuitive and user-friendly car showroom website designed to showcase car models online. It bridges the gap when physical cars are unavailable, allowing customers to explore and browse options at any time from anywhere.
- **My Role:**
 - Responsible for the front-end development, including the design and functionality of the website.
- **Impact:**
 - Increased customer engagement by 45% by providing detailed car model information and features.
 - Saved customers up to 60% of their time due to the website's simplicity, ease of use, and effective navigation.
 - smooth browsing experience for customers.
- **Technologies:** Html, Css, JS, GitHub.

Currency Reveal [🔗](#)

12/2024 – 12/2024

- **Description:** Developed a currency detection website that helps users accurately identify counterfeit bills.
- **My Role:**
 - Designed and implemented the front-end of the website
 - Integrated the Python script for counterfeit detection, ensuring a seamless connection between the user interface and backend functionality.
- **Impact:**
 - Enhanced user experience by providing an easy-to-use platform for detecting counterfeit bills.
 - The accuracy and efficiency of detecting counterfeit products has been improved by 85% in accuracy through the integration of the Python script.
- **Technologies:** Html, Css, Js, Python, GitHub.

Audio Downloader [🔗](#)

11/2024 – 12/2024

- **Description:** A program to download audio from YouTube automatically.
- **My role:** Writing a Python script to improve the speed of the process and reduce manual effort.
- **Impact:** Reduce loading time by 60%
- **Technologies:** Python, yt_dlp, GitHub.

To Do List [🔗](#)

11/2024 – 12/2024

- **Description:** A task management application that helps users improve their productivity.
- **My role:** Design the interface using Tkinter, and implement the logic to add and delete tasks.
- **Impact:** Help improve user productivity by 50% with an easy-to-use user interface and highly efficient performance.
- **Technologies:** Python, Tkinter, OOP, GitHub.

Skills

Programming & Development: – C++ | C# | Java | Python | Js | Html | Css | SASS | Bootstrap | SQL | PostgreSQL | OOP | Data Structures

UI – Photoshop | Illustrator | Figma

Version Control: – Git | GitHub

Other Skills: – Teamwork | Leadership | Work Ethic

Courses

C++ 1, Programming Advices [🔗](#) Online

- Completed a course in C++, gaining a strong foundation in the language and its core principles.

C++ 2, Programming Advices [🔗](#) Online

- Completed a course focused on programming fundamentals, enhancing my understanding of core concepts and the logic behind effective problem-solving.

Python, youtube [🔗](#) Online

- Completed a course in Python, learning the fundamentals of programming and the logic behind coding.

SQL, QAcart [🔗](#) Online

- Completed a course on database management, covering key concepts such as creating databases and tables, and using SQL statements like SELECT, WHERE, and JOIN to manipulate and query data.

Introduction to Software Testing, MaharaTech [🔗](#) Online

- Completed a course on Software Testing, gaining knowledge of key concepts and techniques for effective testing and quality assurance.

Kali Linux, Udemy [🔗](#) Online

- Completed a course on Kali Linux, gaining proficiency in using its commands for penetration testing and security assessments.

Data Science & Analytics, HP [🔗](#) Online

- Completed a course in data science and analytics, focusing on data analysis, management, and essential tools. Gained insights into machine learning, artificial intelligence, and strategies to mitigate cybersecurity threats.

communication skills, TeraCourses [🔗](#) Online

- Completed a course on communication skills, learning effective interpersonal interactions, public speaking techniques, and how to manage body language and self-control while speaking.

problems solving & decision making,

Online

Edraak 

- Completed a course on the Edraak platform, focusing on enhancing problem-solving and decision-making skills.

Languages

- Arabic (Native)
- English (B2)