

MAHMOUD HANY

Alexandria, Egypt

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Education

Faculty of Science, Alexandria University

Oct. 2022 –EXP.June 2026

Bachelor of Science in Computer Science(GPA 3.9)

certificates

- Foundational C# with microsoft
- Angular codecademy
- Learn Git & GitHub codecademy
- ASP.NET codecademy
- TypeScript codecademy

Relevant Coursework

- Algorithms
- Theory Of Computaion
- OOP
- Systems Programming
- Data Structures
- Intro to WEB
- Intro To Multimedia
- Database

Experience

Digital Egypt Pioneers Initiative - DEPI

June 2025 – Present

Full stack .Net Web Development Intern

Alexandria, Egypt

- Engineered data-driven web applications using C# and .NET Core (Web API & MVC), delivering scalable back-end services with comprehensive unit testing.
- Crafted responsive front-end interfaces in HTML5, CSS3, and JavaScript, seamlessly integrating them with ASP.NET Core MVC for rich user experiences.
- Leveraged Docker containerization alongside Git/GitHub workflows to automate builds, manage version control, and streamline deployments.
- Designed and optimized SQL Server databases, authored functional documentation, and drove a capstone project showcasing end-to-end full-stack proficiency.

Projects

To-Do List | *HTML/CSS, JS, C#,ASP.NET Core, SQLite* | 🐙 github Repository

February 2025

- A full-stack To-Do List application built using ASP.NET Core for the backend and HTML, CSS, and JavaScript for the frontend. The application allows users to create, edit, and delete tasks.
- The backend replaces local storage by persisting tasks in a database, ensuring data consistency and scalability.

Space-Tourism Website | *HTML, CSS, JavaScript* | 🐙 github Repository

September 2024

- a multi-page frontend application designed to provide an immersive and interactive experience for users interested in space tourism.
- Interactive navigation between pages.
- Dynamic content updates based on user interaction (e.g., planet details, crew profiles).
- Minimalistic and visually appealing UI inspired by space travel themes.

Airline System | *java, javaFX* | 🐙 github Repository

April 2024

- Airline system using java and javaFX allows a predefined manager to add, delete, update, view flights.
- All operations are executed on a data base.
- Allows a customer to book or cancel a reservation on a certain flight each reservation is stored on the data base.
- operations done are printed on a log file which indecate who did it and when.

Polynomial Representation | *Java* | 🐙 github Repository

May 2024

- This project proposes the development of a program that represents polynomials as linked lists and implements various operations on them.
- The program handles addition, subtraction, multiplication, display, and evaluation of polynomials using a chosen value for the variable (x).
- Displays the polynomial expression in a human-readable format.

Technical Skills

Languages: HTML/CSS, JavaScript, TypeScript, SQL, C#, Java, python.

Frameworks:ASP.NET Core, Angular

Developer Tools: VS Code, VS, MS SQL Server, NetBeans, PyCharm.