

# Mina Youssef Wagdy

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Highly motivated and disciplined student with a strong foundation in programming and digital systems. Actively pursuing a career in web development through freelance projects and hands-on learning. Quick to grasp new technologies, with excellent problem-solving skills and a commitment to continuous growth. Seeking an internship to gain industry exposure.

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## EDUCATION

**Alexandria University** | *BCS of Mechanical Engineering* **09/2022-Present**

- Cumulative GPA:3.16/4.00
- Participated in university-led projects including the simulation of a drinking water network using Water GEMS and Water Hammer
- Contributed to the design and manufacturing of a vehicle after studying Archimedes' principle (buoyancy law), with the design modeled using SolidWorks.
- Utilized MATLAB to solve a college project related to heat transfer, applying iterative methods to handle complex equations and simulations.

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## COURSES

**Digital Egypt Pioneers Program** | Ministry of Communication **06/2025-12/2025**

*Specialized in Full Stack .NET Web Development*

- Covered C#, .NET Core Web API, and .NET Core MVC for scalable back-end development
- Gained front-end proficiency in HTML5, CSS3, and JavaScript
- Completed training in SQL Server Programming, Git/GitHub workflows
- Developed a capstone project simulating real-world web applications

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## SKILLS

- **Programming & Development:** *Python, C#, SQL, HTML5, Matlab, Assembly, Git, GitHub*
- **Engineering & Simulation Tools** *SolidWorks, AutoCAD, Water GEMS, Water Hammer, MATLAB*
- **Concepts & Competences:** *Object Oriented Programming, Web Frontend Fundamentals, Problem Solving & Algorithmic thinking*
- **Soft Skills:** *Communication , Attention to detail, English, Arabic*