

# MONA SAEED

Al-Qalyubia, Egypt

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🔗 <https://github.com/mona-saeed>

## Education

### Benha University

*Bachelor of Science in Computers and Artificial Intelligence*

Sep. 2023 – Present

*Al-Qalyubia, Egypt*

### Relevant Coursework

- OOP Principles
- Third-Party API
- Web Development
- ASP.NET Core
- HTML, CSS, JavaScript
- Responsive Design
- Angular, Bootstrap
- Algorithms
- Data Structures
- Database Management

## Projects

### Wealthy People | *third-party API, JS, HTML, CSS*

- Integrated front-end with a third-party API to fetch random user data and implemented dynamic JavaScript functionalities
- Implemented dynamic JS features: sorting by wealth, displaying millionaires, resetting/adding users, doubling wealth, and showing original wealth values.

### WeatherSync | *third-party API, JS, HTML, CSS*

- Integrated third-party API to fetch real-time weather data based on the user's location.
- Dynamically displayed greeting message, current time in HH:MM:SS format, and location (city, country) using JavaScript, with temperature conversion between Celsius and Fahrenheit.

### Library Management System | *Java, JFrame, Database*

- Designed a Library Management System with a GUI using JFrame for book transactions and student data management.
- Integrated database connectivity to store and retrieve student and book information.

## Experience

### ITI

Sep 2024 – Oct 2024

*Front End Developer Intern*

- Developed responsive web pages and interactive features using HTML, CSS, and JavaScript to enhance user experience.
- Collaborated on version control and project management using Git and GitHub, ensuring smooth workflow and code integration across teams.

### ICPC

Oct 2023 – Present

*Problem Solving Intern*

- Solved 400+ problems on data structures and algorithms, including binary search, sliding window, maps, sets, stacks, queues, prefix sum, and STLs like vector and deque.
- Gained expertise in algorithm optimization, time complexity analysis, and efficient problem-solving techniques.

## Technical Skills

**Languages:** C Sharp, Java, OOP, SQL, JavaScript, TypeScript, C++, HTML, CSS

**Frameworks:** Bootstrap

**Developer Tools:** VS Code, Visual Studio, Eclipse, NetBeans, Code::Blocks

**Database Tool:** MySQL Workbench

**Version Control:** GitHub, Git

## 2025 Learning Goals: Key Technologies

Present – finished at Feb - 2026

- Currently studying: OOP concepts in C Sharp, with prior foundational studies in C++, Java, and TypeScript.
- ASP.NET Core: Studying back-end development, including MVC architecture, API design, and dependency injection.  
Framework Core: Learning ORM-based database operations.
- Web API: Exploring RESTful Web API development.
- SQL: Enhancing database management and querying skills.
- LINQ: Strengthening LINQ knowledge for data manipulation in C.
- Angular: Planning to master Angular for dynamic SPAs.
- Planning to participate in the ECPC (Egyptian Collegiate Programming Contest) in July 2025.