

Hana Salah Masood

Computer Science Student

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SUMMARY

A Computer Science student with a good foundation in programming, data structure, and object-oriented programming. Skilled in C, C++, and Java. Passionate about problem solving and competitive programming.

EDUCATION

3rd Year Student in Computer Science, Assiut University

10/2022 – present

- GPA: 3.81/4

EXPERIENCE

.NET Trainee Intern

07/2024 – 08/2024

Ejada Systems Ltd.

- Trained on **.NET Framework** and **.NET Core MVC** development.
- Gained hands-on experience with **Entity Framework** and **SQL Server** for database management.
- Collaborated with team members on real-world project.

PROJECTS

Hotel Booking System

- ASP.NET Core MVC | C#, HTML, CSS

Developed a web-based hotel booking system that enables users to browse available rooms and make bookings. Integrated user authentication with role-based access control, allowing admins to add, edit, or delete room listings. Implemented real-time booking validation using Entity Framework and SQL Server.

Library Management System

- C++ | *Object-Oriented Programming (OOP)*

Built a system to manage a dynamic collection of books with features for adding, searching by title or author, and handling borrow/return operations using OOP and data structures.

Geometric Object Area & Perimeter Calculator

- Java | OOP | GUI

Developed a GUI application to calculate area and perimeter of shapes (circle, rectangle, square) using object-oriented design.

VOLUNTEERING

ICPC Assiut University Community

The main goal of this community is to improve programming, problem solving, and algorithmic skills of all students.

- Mentoring newcomers in problem solving
- Mentoring juniors phase 1 in problem solving

ACHIEVEMENTS

ECPC Qualification 2024

Secured 46th Place out of over 450 teams in Upper Egypt.

ECPC Qualifications 2025

Secured 18th Place out of over 223 teams in Upper Egypt

ECPC Finals 2025

Secured 128th Place out of 270 teams in Egypt

SKILLS

Programming Languages

C/C++, C#, Python, Java and SQL

Databases

MySQL, Microsoft SQL Server

Conceptual Knowledge

OOP, Data Structure, Algorithms, Operatin Systems, Software Engineering, System Analysis and Design

BackEnd

.Net Framework