

# Menna Emam *Junior Computer Science Student*

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## Education

### BS Computer Science

Oct 2021 – Jul 2025

Misr International University

- **Major:** Computer Science **GPA:** 3.84
- **Minor:** Artificial Intelligence

**Courses:** Intro to Computer Science, Problem Solving, Object Oriented Programming, Data Structures (C++), Algorithms, Database (SQL), Networks, Full Stack Web Development (MERN Stack), Networks, Digital Media Marketing, Photoshop, Operating Systems (Linux), Discrete Math, Digital Logic Design, Computer Organization.

### High School Diploma

2018 – 2021

The British School in Cairo

- **IGCSE/ ALevel**

**Grade:** 100%

## Professional Experience

### IT Cohead

Sep 2023

ACPC Club MIU

- Facilitated collaboration with other club departments to tailor software solutions to their unique needs.
- Proficiently utilized technologies, including React, Tailwind CSS, Node.js, and MongoDB, for successful project development.
- Effectively managed a diverse team of approximately 50 members within the IT Department, ensuring efficient collaboration and project execution.
- Demonstrated expertise in Agile methodologies, ensuring project efficiency, timely delivery, and adaptability.
- Integrated GitHub with Jira for enhanced development workflow, enabling efficient branch creation and synchronized tracking.
- Designed cloud infrastructure using Microsoft Azure and NoSQL databases to meet project requirements.
- Initiated a side project in Data Structures & Algorithms, providing learning opportunities for members.
- Conducted continuous sessions on diverse topics to support team members' growth when online sources were insufficient.

### Green Contest - 1st Place

Aug 2023

Credit Agricole

- Collaborated with frontend and backend engineers to create a user-friendly website for disabled job seekers.
- Collaborated with HR to enhance admin features, enabling creative filtering of applicants from most qualified to least qualified for each job.
- Developed a unique CV upload feature leveraging the power of AI, which automatically ranks matching job opportunities for disabled individuals.
- Presented the website's innovative features at the contest, highlighting its potential impact.
- Conducted market scans and presented project findings.

## Projects

### Empower

Aug 2023

Web Development

Led the development of a job search platform catering to disabled job seekers, featuring accessibility options like screen readers, screen masking, and text enlargement. The platform enables users to upload their resumes, with automatic sorting of job listings based on disability, position, and skills extracted from resumes. Notably, the system streamlines the application process by allowing users to apply to jobs with a single click, eliminating the need to manually fill out forms. It includes an admin dashboard for HR professionals to filter and view applicant profiles and efficiently manage CVs. Users can create profiles with skills, certifications, and disability cards and receive CV acceptance notifications, demonstrating my commitment to inclusive design and streamlined job searching for disabled individuals and HR teams.

### EgyTours

Jun 2023

Web Development

created a web app for booking hotels, activities, and restaurants in Egypt, featuring an intuitive user interface, an admin dashboard, and a chat box for user support.

**Technical Skills:** : Html , Css , JavaScript , Express.js , React js , Node js , NonSQL MongoDB , Deployment using Linux.

**Soft Skills:** Team Collaboration, Time & Project Management, Communication

### Movie Ticket Booking System

Feb 2023

Object Oriented Programming

High-performing cinema booking system using Java and JavaFX. It catered to administrators and customers, handling numerous transactions with precision, extensive validations, and exceptional error handling. This project showcased my technical prowess, meticulous attention to detail, and commitment to efficiency.

### Ball Sort Game

Apr 2022

Data Structures

Developed ball sort game, which consists of four levels using C++ while implementing the data structure stack. The game was created by QT graphic user interface.

## Certificates

### Certificate of High Academic Achievement

Awarded by Misr International University in Scientific Day (2021/2022)

### Certificate In Recognition of Ranking First - Computer Science Sophomore

Awarded by Misr International University in Scientific Day (2022/2023)

### Certificate In Recognition of Outstanding Achievement in OOP Project "Movie Ticket Booking System"

Awarded by Misr International University in Scientific Day (2022/2023)

## Skills

**Technical Skills:** (C++, Java, JavaScript, JavaFX, HTML, CSS , Express.js, NodeJS, React, Database, MongoDB, Apex, Git, Mathematics, C#, Linux)

**Soft Skills:** (Leadership, Time Management, Creativity, Communication, Problem Solving, Teamwork, Manage Deadlines)

## Languages

English



Arabic

