Mohamed Mahran

Computer Science Engineer

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in https://www.linkedin.com/in/mohamed-mahran-742825233/ ○ https://github.com/xmahran

PROFILE

Motivated Computer Science Engineering student with a strong foundation in coding and problem-solving. Seeking practical experience to contribute to real-world projects. Passionate about staying updated with emerging technologies.

WORK EXPERIENCE

Enppi Engineering Co. 08/2023 – 09/2023
Software Engineer Intern Cairo, Egypt
 I actively participated in team meetings, brainstorming sessions, and agile development processes. I have used various programming languages and technologies, such as Java, Python, and JavaScript

Agiba Petroleum Co. 08/2022 – 09/2022
Backend Intern Cairo, Egypt
 I had hands-on experience with SQL database, ASP.NET, and the .NET Framework. I have developed robust backend solutions, designed databases, and built RESTful APIs.

EDUCATION

German University in Cairo 10/2020 – 06/2025
Media Engineering Technology (MET) Cairo, Egypt
 Faculty of Computer Science and Engineering

The Egyptian American International School 09/2014 – 06/2020
American Diploma Cairo, Egypt

SKILLS

- Java
- Python
- C#
- SQL Database
- JavaScript
- NodeJS
- Prolog
- Haskell
- Android Studio
- Problem Solving

PROJECTS

Database Engine 03/2023 – 06/2023
Java
 It is a database engine with support for Octrees Indices for Data bases II (CSEN604) course at the GUC. The required functionalities are creating tables, inserting tuples, deleting tuples, searching in tables linearly, creating an Octree upon demand, and using the created octree(s) where appropriate.

Online Banking System 03/2023 – 06/2023
Software Engineering Principles · HTML · CSS
 An online banking system website structured using software engineering course (CSEN603) at the GUC such as the design patters, erd, schema, class diagram, and component diagram then we made it to the front-end using HTML and CSS.

Football Reservation System 10/2022 – 02/2023
SQL · Microsoft SQL Server · ASP.NET · C#
 This is a project for CSEN501 course where we design the database of a football reservation system as well as a user-friendly website implementing all the functionalities required to make a reservation using an eerd, relational schema, MSSQL, ASP.NET and C#.

Library Website
Embedded JavaScript (EJS) · Node.js
10/2022 – 02/2023

It is a website made for my CSEN503 course containing books of the library in which user can navigate between several pages and search for their books using its genre or any keywords and add their favorites to their to-read page.

Marvel Ultimate War
Object-Oriented Programming (OOP) · Java
03/2022 – 06/2022

A Marvel themed game created using Java/Java FX for the CSEN401 Course in the GUC.

Minesweeper
Functional Programming · Haskell
03/2022 – 06/2022

The AI module for a minesweeper robot, created for the CSEN403 course at the GUC, operates in a grid environment of any size. Its objective is to compute a sequence of actions for the robot to collect all the mines.

Pro-Wordle
Logical Programming · Prolog
03/2022 – 06/2022

It is a modified version of the game Wordle for the CSEN403 course at the GUC.

COURSES

Data Structure and Algorithms

NodeJS, Express, and MongoDB
offered by Udemy

Digital Marketing
offered by Google

LANGUAGES

- English
- Arabic
- German

EXTRACURRICULAR ACTIVITIES

AIESEC
Outgoing Global Volunteer Member
02/2021 – 10/2021
Cairo, Egypt

I was responsible for creating local strategies on converting opens to applicants, applicants to accepted and accepted to approved, decrease the process time at the local level between the customer flow stages.

Semester abroad at the German International University in Berlin
Computer Science Engineer Student
10/2022 – 02/2023
Berlin, Germany

It offered me a blend of academic growth, cultural immersion, and personal development. It is an experience that broadened my global perspective, foster independence, and created lifelong connections.

Gorillas
E-Bike Rider
2022 – 2023
Berlin, Germany

Flink
E-Bike Rider
2022 – 2023
Berlin, Germany

Gorillas
E-Bike Rider
2022 – 2023
Berlin, Germany

MAYD
Driver
2022 – 2023
Berlin, Germany

United Parcel Service (UPS)
Warehouse Worker - Package Handler
2022 – 2023
Berlin, Germany

REWE
Truck Driver
2022 – 2023
Berlin, German

ZARA
Employee
2022 – 2023
Berlin, Germany