MOHAMED ABDELATY

Software Engineer

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EXPERIENCE

Software Developer
Armed Force

📅 March 2022 ● Suez, Egypt

- Working in the Third Army field software office to create desktop applications using C# and dealing with databases using SQL.
- Learned how to deal with various problems in applications, and handle the errors that appear.

GRADUATION PROJECT

Driver Drowsiness Detection
Bachelor Project

📅 October 2020 – July 2021 ● Cairo, Egypt

- The project is developing a driver drowsiness detection software to help driver stay awake. To achieve that, the system extracts the driver's face from the live video, tracks the eyes and detect whether they are aware or drowsy by detecting the eyes condition. If both eyes are closed for a certain amount of time, the system plays a loud sound to alert the driver to stay awake and prevent them from falling asleep and putting their lives and the others in danger.
- It also shows how this application can be used to by anyone not only programmers for education purposes.

COURSES AND PROJECTS

Oracle SQL Course
Great Learning

📅 October 2022 – November 2022 ● Cairo, Egypt

- Learn organization, manipulation, retrieval and storage of data in relational databases.
- Deal with SQL Queries like DML, DDL, and DQL.
- Learn Joins Between Tables and Neasted Query.

Data Analysis Challenger Course
egFWD - Udacity Challenger Track

📅 October 2022 – November 2022 ● Cairo, Egypt

- Study a little statistics and how to deal with Excel.
- Learn how to manipulate data, filter data, and how to arrange it.

EDUCATION

Bachelor's Degree Of Computers And Information Systems
Ain Shams University in Cairo

📅 Sept 2017 – July 2021

● GPA 2.67

PROGRAMMING SKILLS

Languages

Python | Java | C | C++ | C# | Html
CSS

Technologies

ASP.Net Core | SQL | .Net Framework
ASP.Net MVC | Data Structure and Algorithm

Software

GitHub | Microsoft Office

Operating Systems

Windows OS

LANGUAGES

Arabic ● ● ● ● ●
English ● ● ● ● ○

Git and Github Course
Almadrasa

📅 May 2023 – May 2023   📍 Cairo, Egypt

- Learn what's Git and how to deal with command.
- Learn Branches, Repository, Colne and Fork.

Data Structure and Algorithm Course
Udimy

📅 May 2023 – June 2023   📍 Cairo, Egypt

- Understand Complexity of Algorithms Time and Space they take at runtime.
- Learn and compare Algorithms used in Searching and Sorting.
- Learn different Data Structures and how to use them in applications.
- Learn how to Code and Implement various data structures and algorithms in C#.
- Recap all of this only not start from zero.

ASP.Net Course

📅 March 2023   📍 Cairo, Egypt

- Learn how to use ASP.NET Core MVC to build cross-platform web applications that can run on any operating system, including Windows, Linux, and macOS.
- Learning the fundamentals of ASP.NET Core MVC, including how to create and configure a new project, design the layout and structure of application, and implement standard features such as authentication, authorization, and data validation.
- Learn how to use advanced features of ASP.NET Core MVC, such as dependency injection, middleware, and filters, to create more complex and scalable applications.
- also learn how to optimize applications for performance and deployment.

Car sales and inventory system
Desktop application using C#

📅 October 2018 – November 2018   📍 Cairo, Egypt

- Desktop Application that lets the admin manages users' information, manage cars' information,manage car parts' information data stored in database and admin can add or delete or update cars and car parts.
- The user checks various car stats including car engine, mileage, tank capacity and other factors. Checks various car listing with features, manage products "parts of the cars" to the shopping cart, view the list of the shopping cart before confirming purchase, credit card payment facility available for car parts and can loan or buy a specific.

Table Creation Module
Desktop application using C#

📅 April 2019 – May 2019   📍 Cairo, Egypt

- Desktop Application that simulate the creation of database tables. The module should allow the user to create columns and specify constraints on the table. The project should also enforce the specified constraints.
- The data stored in the table should be kept in XML files.

EXTRA CURRICULUM ACTIVITIES

Participant at "ACM_Asics"
Link FCIS-ASU Student Activity

📅 October 2017   📍 Cairo, Egypt

- I attended trainings in Problem Solving ; I was a part of a team responsible for solve problems in codeforces..