Omar Wael

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Education

- BS in Computer Science (2019/2023) Arab Open University (AOU), Egypt GPA: 3.1

Experience

- Backend (ASP.Net) Mentor at Route (4/2024 Present)
- Problem solving Instructor (6/2021 Present)
- Qualified to ACPC (Africa & Arab Collegiate Programming Championship) 2023
- Ranked 69th at ECPC (Egyptian Collegiate Programming Contest) 2023 over +2500 team
- Specialist on CodeForces
- Div 2 user on CodeChef
- 3X ECPC (Egyptian Collegiate Programming Contest) Finalist 2021, 2022, 2023

Technical Skills

ASP.Net Web APIs, ASP.Net MVC, ASP.Net Core, LINQ, EF Core, MSSQL, SQL, Problem solving, Data structure, Algorithms, OOP, C#, C++, java, Python, HTML, CSS, JavaScript, React.js, Bootstrap, Keras, Pandas, Numpy

Projects

<u>Talabat Wep APIs</u>: Using .Net Core, EF Core, SQL Server
 Talabat is Web API used for shopping online where you can create an account, login, preview and filter

products, adding products to basket, creating orders.

Online Book Store With Book Recommendation System (Individual Graduation Project):

using React.js, flask Rest API and Recommendation system using collaborative filtering

- <u>Tic-Tac-toe</u>: In this game you can play it individually with two levels of difficulty, using C++ and min max algorithm.
- Online Reading System: using C++ and OOP.
- Mouse Tracker: Using React.js and props render

Training & Certificates

- ASP.Net Diploma Route (11/2023 4/2024)
- Machine Learning Specialization: Regression and Classification (Course1 Course2 Course3)
- Neural Networks and Deep Learning Coursera
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization Coursera
- C++ Programming Udemy
- React Basics Coursera
- Advanced React Coursera

Activities and Volunteering

 Competitive Programming coach at AOU ICPC Community(6/2021 -Present)

Languages

Arabic: Native | English: Professional working proficiency