Omar Mahmoud

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Education

2020 – 2024 cairo, Egypt	**Bachelor's of Computer Science** *Ain shams University*

Profile

Motivated fresh graduate with a background in programming, statistics, and ML. Eager to apply academic knowledge and technical skills to solve real-world problems

Skills

Database & Programming Languages
Python, SQL, SQL/PL, Java, C++, C#, Scala, HTML/CSS, JavaScript, MATLAB

Software Tools
Visual Studio Code, Pycharm, Visual Studio, Oracle, MongoDB, Tableau, Power BI, Jupyter, Anaconda

Industry Knowledge
Data Collection, Data Analysis, Data Visualization, Data Processing, Feature Engineering, Artificial Intelligence (AI), Predictive Analytics, Problem Solving, Extract, Transform, Load (ETL)

Projects

MediaPicks
-Graduation Project
- A movie recommendation project
- Using collaborative filtering, content-based filtering and hybrid filtering
- Role: created the filtering and recommendation models using Pytorch and surprise
- Worked with Mongodb

Cancer Prediction
- A project that predicts cancer probability in patients using various symptoms
- Using several Supervised learning methods in python

Students Database Manager
- A project that manages students grades for schools
- Using c++ structured programming concepts and working with XML, txt and csv files

Personal Dairy Application
- Made using SQL, SQL/PL, C# and working with Oracle and Oracle databases

BlackJack Game
- A game built using Java, OOP Concepts and java GUI.

Languages

Arabics Native	**English** C1, Fluent

Courses

Machine Learning Specialization
Andrew Ng, Coursera

Statistics and Probability
Khan academy

Deep learning & Neural Networks
Ain shams university

Sql & Relational database

Microsoft Power BI Data Analyst
Microsoft