

Hamza Hussain Yousef Omran

Full Stack Web Developer | Student at Alexandria University FCFS

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About Me

Motivated Computer and Data Science student with hands-on experience in building full desktop applications using C# and SQL Server. Proficient in creating and managing Windows Services, applying SOLID principles, and developing RESTful APIs. Skilled in integrating with Microsoft Office tools (Word, Excel, Outlook) and effectively reading and implementing technical documentation. Currently working on a real desktop project with the goal of transitioning to full stack web development.

Education

Bachelor's Degree in Computer and Data Science

Faculty of Computer and Data Science, Alexandria University

CGPA: 3.7664 / 4.0

2022 – 2026

Experience

[Data Analysis & Big Data Online Training \(20/7 – 7/9\)](#)

- Built and visualized dashboards using Power BI
- Applied data modeling, data preprocessing with Power BI and Python
- Performed data analysis using SQL
- Covered data types, analytics methods, and visualization techniques
- Participated in hands-on sessions and lectures

Projects

Driving and Vehicle License Department

- Full system to manage national/international licenses: issuance, renewal, replacement
- Includes user registration, authentication, testing, fee configuration, and service updates

[GitHub](#) | [Video](#)

Tic Tac Toe Game Using C#

[GitHub](#) | [LinkedIn](#)

Technical Skills

Programming Languages:

Python, Java, C#, R, C++, SQL, Shell

Web & Software Technologies:

HTML, CSS, RESTful APIs, .NET Framework, Windows Services, API Integration

Databases:

Microsoft SQL Server, MySQL, NoSQL (MongoDB)

Tools & Platforms:

Power BI, Tableau, Excel, Git, Docker, SQL Server Management Studio, MySQL Workbench

Data & Machine Learning:

Scikit-learn, Data Structures, Statistics, Probability, Linear Algebra, Regression, Convex Optimization, Stochastic Processes

Software Engineering:

SOLID Principles, Clean Code, Documentation Interpretation, System Design

Soft Skills:

Team Leadership, Time Management, Clear Communication, Analytical Thinking, Problem Solving