Omar Waleed Al-Azhary

CONTACTS

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EDUCATION

German International University (GIU)   Graduation 2026
- **Data Science, Computer Science**
- **Relevant Coursework:** Data Structures & Algorithms, Databases, Computer Networks, Information Security, Object Oriented Programming in Java and C++
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PROJECTS

LOU Java Game Project (Link):
- Developed a turn-based survival game inspired by "The Last of Us" as part of an Object-Oriented Programming course project.
- Utilized Java and JavaFX to create an engaging graphical user interface and implement core game mechanics.
- Implemented object-oriented design principles including encapsulation, inheritance, and polymorphism to create a stable codebase.

Collaborative Software Engineering Project (Link)
- Worked collaboratively with a team of developers to design and build a dynamic web application using JavaScript, CSS, HTML.
- Created and maintained user authentication and authorization features to secure the application.
- Designed and managed the application's database using MongoDB.
- Collaborated on version control using Git, managing branches and merging code changes to maintain the codebase.

Database-Driven Web Application Project (Link):
- Designed and developed a dynamic web application utilizing ASPX for the front-end and C# for server-side logic.
- Implemented a SQL database to manage application data, ensuring efficient and secure data handling.
- Optimized application performance through effective indexing, query optimization, and efficient code practices.

COMPUTER SKILLS

Programming: Python, Java, JavaScript, C#, CSS, HTML, Boostrap, Tailwind, MSSQL, MONGODB.

Applications: Visual Studio Code, Eclipse, google COLAB.

Developer Tools: Git, Github.