

Muhannad Alduraywish *Software Developer*

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🔗 <https://mqhanad.github.io/Portfolio/>

About Me

As a KFUPM student from Al Jouf, I'm deeply fascinated by the intersection of technology and innovation. Video games have always captivated my interest, igniting my curiosity about the intricate workings of software and digital systems. With an insatiable appetite for learning, I'm on a quest to absorb knowledge from every available avenue within my major. While I haven't yet settled on a specialization, I see this period as an exciting exploration phase. Post-graduation, I aim to channel my diverse experiences into a focused pursuit, leveraging my newfound expertise to make meaningful contributions in the field of technology.

Education

2020 – Current Dharan	B.S. in Software Engineering <i>King Fahd University of Petroleum and Minerals</i>
2017 – 2020 Dumat al-Jandal	High School <i>Prince Nayef bin Abdul Aziz High School</i>

Projects

Quran city

This game was created as part of a hackathon called "Challenge of Quranic Apps." It's an open-world city consisting of 30 buildings, with each building representing a Juzu (part) of the Quran. Each building contains multiple Suras (chapters), providing an engaging and interactive way to explore and learn the Quran.

Flight Reservation System

The Flight Reservation System is a desktop application designed with Enhanced Entity-Relationship (EER) modeling and built using SQL and C#. It manages and books flights efficiently, providing a user-friendly interface for passengers, and administrators.

Hit The Road Jack

"Hit the Road Jack" is a game, where you are going to guide Jack as he drives away from his wife after she asked him to leave due to an argument. Your goal is to help him avoid collisions with other cars and achieve high scores. One crash ends the game.

File/Folder visualizer

a simple desktop application to visualize the capacity of files and folders using charts.

Designed to follow the following design patterns:

- Observer pattern
- Composite pattern

Shapes Drawing App

a simple desktop application to draw various shapes on the screen.

Designed to follow the following Principles:

- Abstraction and Encapsulation
- Single Responsibility Principle
- Open-Closed Principle

Languages

- Arabic
- English

References

Available on request