

OMAR GHANDOUR

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Technical Skills

Java

Python

C++/C#

Flutter

HTML

CSS

JavaScript

React.js

ASP.NET (MVC)

Entity Framework

Bootstrap

SQL (Oracle, MySQL)

Education

2017-2020

Lebanese Baccalaureate at Ecole Notre Dame Mousseitbeh.

2020-Present

BS in Computer Science at the American University of Beirut.

Relevant Coursework: Discrete Structures, Data Structures, Software Construction, Programming Languages, Database Systems, Web Programming and Design, Algorithms and Data Structures, Theory of Computation, Operating Systems, Computer Networks, Numerical Computing.

Projects

Online Music Streaming

An application using TCP to stream music from a central server to other devices including a GUI built using JavaFX. Features include Streaming music, downloading music, a peer-to-peer connection to see what other users have downloaded and be able to download from them.

SQL Database

A database for a music streaming service using MySQL. The database included Artists, Users, Songs, Albums, Downloads, Likes, Followers. Queries were also used to get all the songs/albums from a specific artist, to what artist a song/album belongs to, all users who have liked/downloaded a song/album, all the downloads/likes of a user, all the users who a user follows. A GUI was also made to execute these queries and display all the results in a table format.

Online Reservation Web Application

A web application using ASP.NET that allows online reservations for sports courts (football fields, basketball courts, etc.). The web app included a log in/sign up feature, a search feature, a database using Entity Framework including all the courts available and the times of availability, a reserve feature to reserve a specific court at a specific time. CSS and Bootstrap were also used in the design of the web app.

Languages

English – fluent.

French – fluent.

Arabic – native.

Hobbies

Traveled around Europe, mostly UK, France, Italy.

Exercising, mostly Football and Basketball.

Reading.

Painting.