

Mohammad Ali Boutary

Beirut, Lebanon | +961-81841689 | mohammadali.boutary@outlook.com |
www.linkedin.com/in/mohammad-ali-boutary

Education

Bachelor of Computer Science
Lebanese American University

September 2021 - Present

Skills & Abilities

- | | | |
|--|--|--|
| ✓ HTML, CSS, and JavaScript | ✓ Android App Development with SQLite | ✓ Software engineering methodologies |
| ✓ PHP Backend Development | ✓ Parallel Programming using MPI, CUDA C, OpenMP, and OpenACC in C | ✓ Software design through visual models and diagrams |
| ✓ SQL using MySQL, and the Oracle Server | ✓ Multi-threading in C and Java | ✓ Python Programming |
| ✓ NoSQL – Firestore | ✓ Linux Operating System | ✓ C/C++ Programming |
| ✓ Relational Database Design | | ✓ Programming in Java |
| ✓ Laravel Framework | | ✓ Programming in Dart |
| ✓ Flutter Firebase App Development | | |

Experience

Web Developer
Integrated Digital Systems (IDS)
Developing Web Apps with PHP

June 2023 – August 2023

Academic Projects

Database Project for Zoo
CSC375 – Database Management Systems

Fall 2022

- Designed Entity-Relation Diagram for Zoo Database.
- Translated the ER schema into tables.
- Implemented the database using SQL on the Oracle Server.
- Normalized table according to BCNF.
- Tools used: draw.io, Oracle SQL Server, SQL.

Hotel Management System
CSC490 – Software Engineering

Spring 2023

- Collected system specifications and requirements for the hotel management system.
- Designed the software through various diagrams including Use case, Activity, Sequence, and Class diagrams.
- Implemented the website using HTML, CSS, PHP, jQuery, and MySQL.

- Tested the system to ensure it met the specified requirements.
- Tools used: draw.io, HTML, CSS, PHP, jQuery, MySQL, and SourceTree for Git version control.

Student Helper App
CSC431 – Mobile Applications

Fall 2023

- Collected system specifications and requirements, ensuring alignment with user needs.
- Designed the software architecture using various diagrams, including Use Case, Activity, Sequence, and Class diagrams.
- Implemented features such as class schedules, and task management using Android Studio.
- Utilized SQLite for efficient local data storage of class schedules, assignments, and grades.
- Tools used: draw.io, Android Studio, Java, and SQLite.

Pet Sitter Finder App
CSC431 – Mobile Applications

Fall 2023

- Developed a mobile app using Flutter for pet owners and sitters to connect conveniently.
- Utilized Firebase for seamless real-time storage of pet pictures, along with comprehensive details including pet information, pet sitter profiles, and more.
- Implemented features for pet owners to find and connect with suitable pet sitters.
- Enabled pet sitters to showcase their services and availability.
- Utilized Flutter's cross-platform capabilities for Android and iOS compatibility.
- Tools used: Android Studio, Flutter, Firebase Cloud Firestore, and Firebase Storage.