ALI MEZHER

Beirut, Lebanon · +961 81887716
Ali.z.mezher@gmail.com

EDUCATION

SEP 2021 – PRESENT
BS. IN COMPUTER SCIENCE, LEBANESE AMERICAN UNIVERSITY
ENROLLED UNDER A FULL MERIT & LEADERSHIP SCHOLARSHIP FUNDED BY USAID
GPA: 3.15/4.00

2016 - 2021
LEBANESE BACCALAUREATE - GENERAL SCIENCE, RIAD EL SOLH
OBTAINED WITH HIGH HONORS, AVERAGE 18/20

EXPERIENCE

JAN 2022 – FEB 2023
MONITORNING INTERN, ICADEMY
Overseeing the preparation and live streaming of the educational sessions
Playing a mediator role between courses organizers and students.
Recoding, editing, and uploading sessions on YouTube.
Handling logistic and following-up on IT related issues (such as troubleshooting).

LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES

- Vice president - Intersectional feminist club - LAU   (2022-2023)
- Volunteer – **Dar Al Aytam**   (2023)
  • Tutoring orphans their daily agenda
- Volunteer - **Kenz Beit el Baraka**   (2023)
  • *Packaging food items and sticking labels, wrapping packages and candles.*
- Volunteer - **Ras Beirut Civil Defense**   (2022-2023)
  • *Checking up the fire trucks and the ambulance & receiving first aid training.*
- Volunteer - **Ahla fawda**   (2022)
  • *Attending a recycling workshop on converting single use plastic bags into usable thick tote bags.*
  • *Supervising the kids section at the music festival in Hamra street, organizing activities, distributing toys.*
- Volunteer - **Grassroots Lebanon**   (2022)
  • *Filling assessments, visiting houses to distribute blankets, calling aid beneficiaries in Gemmayze.*

PROJECTS :

SOFTWARE DESIGN FOR A SPA MANAGEMENT SYSTEM
CSC490 – Software Engineering
Spring 2023
- Implemented the software using React Native and conducted Unit testing
- Specified the software requirements as user or system requirements
- Designed the software architecture and sketched the UML diagrams
- Used Firebase database

WEB DEVELOPMENT PROJECT FOR LOCAL BUSINESSES SHOPPING
CSC443 – web development
Spring 2023
- Designed and developed an e-commerce platform that aims to support and promote local businesses in Lebanon
- Employed front-end technologies: HTML, CSS, and JavaScript,
- Employed back-end technologies: PHP and SQL.
- Used Flutter framework to implement the software's core use cases.

DATABASE PROJECT FOR A HIGH SCHOOL:
CSC375 – Database Management Systems
Fall 2022
- Designed Entity-Relation Diagram for a high school Database
- Translated the ER schema to tables
- Implemented the database using SQL on the Oracle Server
- Normalized table according to BCNF
- Used Oracle SQL Server and SQL

DESIGNING A SIMPLE RISC PROCESSOR:
CSC 320 – Computer Organization
Spring 2022
- Created instruction structures and assigned registers
- Implemented the instructions created in C and assembly language
- Sketched the data paths corresponding to each type of instruction
- Designed a Green Sheet for the processor

PARALLEL ALGORITHM: FAST FOURIER TRANSFORM
CSC447 – Parallel Progg/Multic. & Cluster
Spring 2023
- Developed and parallelized an algorithm for the Fast Fourier Transform
- Parallelized using OpenMP, MPI, and CUDA

LANGUAGES & COMPUTER SKILLS

- Computer: Proficient in Python
  Proficient in Java
  Proficient in Oracle SQL
  Proficient in HTML
  Proficient in Microsoft Office (Word, Excel, Power Point & Outlook)
  Intermediate in C
  Intermediate in CSS

- Languages: Arabic native speaker
  Fluent in English
  Beginner in French