Ali Mazloum

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EDUCATION

AUB American University of Beirut
Bachelor in computer science
Minor in Math
Graduated May, 2021

GPA: 91.6/100

University of South Carolina
PhD in Informatics
Expected May, 2026

TECHNICAL SKILLS

Languages : Python,C, C++, java, JavaScript, PHP, C#

General : Data Structures, Algorithm, Object Oriented Programming, AI, Security and Networking

EXPERIENCE

- Tutoring Computer Architecture course and Algorithms and Data Structures course for AUB students (Fall 2019 2020).

PROJECTS

MIPS Simulator

I worked on a software engineering project with a team of three of my classmates where we developed a software that shows how the assembly instructions are analysed in the 5 stages of MIPS.
- **Technology/Tools:** CSS, JavaScript, HTML.

OurTube

I worked on a software engineering project with a team of three of my classmates where we developed a software that simulates the functionalities of the real YouTube
- **Technology/Tools:** For frontend: HTML, CSS, JavaScript, and PHP for backend

FYP

I was working on a software engineering project with a team of three of my classmates where we developed a web software that can be used by teachers to create exams that contains MCQs as well as Subjective questions. What is special regarding this application is that it has its special ways in preventing and detecting cheating.
- **Technology/Tools:** For frontend: HTML, CSS, JavaScript, and Java for backend

CSP

We developed a Model based application for a public high school in Hermel. The work was totally voluntary. With the help of AUB, we bought server, domain name and Tablets for students. Model is the platform that is used by AUB and many other universities world wide to facilitate online connection between students and their teachers.
- **Technology/Tools:** For frontend: HTML, CSS, JavaScript, and PHP for backend

CERTIFICATION .
- **Certificate from AUB-CCECS on leadership**
- **Certificate from AUB-CCECS on Problem Solving**
- **Certificate from AUB-CCECS on Time Management**
- **Certificate from AUB-CCECS on Team Building**
- **Certificate from AUB-CCECS on Conflict-Resolution**

RELEVANT COURSES
- Theory of Computation • Software Engineering • Software Construction
- Data Structures and Algorithm • Database Systems • Advanced Programming in c++
- Web Programming • Computer Networks • Computer & information Security
- Artificial Intelligence

ADDITIONAL ACTIVITIES
- Member of AUB Archery club
- non academic internship with American University of Beirut (AUB) for more than 70 hours in summer 2019 in teaching programming for High School Students (2019).