

Jamil mahmoud

Lebanon- Beirut

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A GFAP scholar at The American University of Beirut pursuing a MS in computer science expected to graduate by 2022 (M1 student) holding deep knowledge in web programming and development as well as proficiency in database management system and in some programming languages (C++, Python, Java, SML...).

Achievements and Awards

- Accepted as a GFAP scholar to pursue my masters at The American University of Beirut.
- Henry Qais Naccache Award for the best Final Year Project.
- Got the USAID scholarship to study at the American University of Beirut.
- Selected for the dean's honor list for Spring 2017-2018, fall 2018-2019 and spring 2019-2020 semesters.

Education

- **American University of Beirut (AUB) | Lebanon, Beirut | January 2021 – Present**
M.S. in Computer Science | Expected graduation date: December 2022
CGPA: 4.15/4.
Relevant Courses: Information Retrieval and Web Search, ST: computer and info. Security, Advanced Machine Learning and Advanced Computer Networks.
- **American University of Beirut (AUB) | Lebanon, Beirut | August 2017 – December 2020** B.S. in Computer Science | Expected graduation date: May 2021
CGPA: 85.3/100 | 3.41/4.
Relevant Courses: Database Systems, Advanced Algorithms and Data Structures, Computer Networks, Web Programming and Design, Software Engineering, and Operating Systems.

Experience

Web page based search engine for meals | AUB | 2021

- Designed and implemented a search engine that lets the user search for appropriate meals to prepare based on the available ingredients at his disposal.
- The web page was designed using HTML5, CSS, Ajax and JavaScript coupled with a java applet backend with Lucene and other information retrieval algorithms to ensure a fast, reliable and seamless experience for the user.

A portable Encryption and Decryption project | AUB | 2021

- Worked in a team of four on designing a portable encryption, decryption application that lets user encrypt and decrypt files and folders.
- The project was developed in Visual studio using ASP.net framework using AES algorithm.

Recycling Application | AUB | 2020

- Designed an application, in a team of four, that lets and encourages users to recycle their wastes by signing a contract with a facility of a list of Lebanese recycling facilities.
- The frontend application was designed using flutter to ensure a seamless experience for users on both IOS and Android phones coupled with a C# and Azure functions backend that ensured a fast and reliable users' requests
- Won the Henry Qais Naccache Award in December of 2020 as the best project presented as a FYP.

Coursera project | AUB| 2020

- Developed a Coursera like website with a team of three using HTML5, CSS, JavaScript, and PHP.
- Designed and created the database needed for the project using phpMyAdmin.
- Used HTML5 and CSS to set up the front-end side of the website along with JavaScript to make it interactive and dynamic.
- Used PHP to develop the website functionalities like sign up, login, and course registration, completion and quizzes...

Intern at Injaz Lebanon | Dekwaneh | 2019

- Was an intern in the IT department at Injaz Lebanon in Dekwaneh during the summer of 2020.
- Helped the NGO with the preparation and filtering of data used in the prepared projects implemented by the NGO, used technologies such as Salesforce, data loaders and Microsoft Excel functionalities.

Meter Reader |AUB | 2019

- Developed a meter reader application, in a team of four, using Android studio, OCR technologies, Azure functions and C#.
- The application lets users to sign up as a provider or a user to unlock functionalities such as reading KW reader simply by taking a picture of the meter that is then processed, send emails of usage, bill and picture proof to the users.

Hospital Database | AUB | 2018

- In a team of two, a website was designed and implemented to handle a hospital database with the ability to add, review and remove patients with importance hierarchy.
- The website was implemented using HTML5, CSS, JavaScript, and PHP.

Private tutor (self-employed) | 2016-present

- Teaching different number of students from a variety of grades ever year.
- Got to know how to deal with students.
- Gained the best method to teach the children and to deliver the correct ideas.

Skills

Languages: Fluent in Arabic and English; Good understanding of French.

Technical Skills

- Fluent in Java (Expert), SML (Expert), HTML5 (Expert), CSS (Expert), JavaScript (Expert), Ajax (Expert), C# (Expert), PHP (Expert), C++ (Intermediate), and Asp.net Core 3.1 (Deep Knowledge), python (Expert), JSON API(Intermediate), MySQL(Expert).
- Solid background in database management system (SQL, and MySql).

Extracurricular activities, Volunteering

- Youth Association for the Blind – Volunteer **2020**
- Dr. Mohammad Khaled Social Foundation – Volunteer. **2019**
- UNDP – Volunteer with a chess contest **2019**
- Autism Awareness Association – Volunteer Entertaining Activities for children **2018**

Community Service Project CSP

2018- present

- Worked on a community service project with a team of five under the supervision of AUB CCECS and USAID.
- This project to create a Python tutorial for beginners covering the needed material to be used in public and private schools as well as anyone that wants to be introduced to this language.

Soft Skills

- Excellent interpersonal skills including leadership, teamwork skills, presentation skills and time management.

Workshops and Projects:

- Attended Decision Making workshop at Haret Al-Naameh with UNDP
2019
- Attended Leadership Series workshop at AUB
2018
- Attended Problem Solving and Decision Making workshop at AUB
2018