

# Mona Fadi AL Masri AL Shayyah

---

Address: Saida, Lebanon

E-mail: [monamasri29@gmail.com](mailto:monamasri29@gmail.com) , [monashayyah@gmail.com](mailto:monashayyah@gmail.com)

Phone number: +961 70 135 300

## Profile

I am a fourth-year student majoring in Computer and Communication Engineering at the American University of Beirut. This is my last semester; My focus areas are networking and Radio Frequency Application and implementations. I am dedicated, organized and hardworking person with good knowledge in telecommunication field, signal processing systems and theories. I am seeking work position as a telecom engineer that will allow me to put my knowledge and experience in practice.

## Education

**THURAYA ABO ALFA PUBLIC SCHOOL 2017-2018**

**SAIDA, LEBANON**

- Lebanese Baccalaureate in Life Sciences
- Average: 17.8/20

**AMERICAN UNIVERSITY OF BEIRUT 2018-PRESENT**

**BEIRUT, LEBANON**

- Bachelor of Engineering in Computer and Communication Engineering
- GPA: 3.2/4

## Experience:

**CHEMONICS (COMMUNITY SUPPROT PROGRAM CSP)**

**BEIRUT, LEBANON**

From 3/2020 till 3/2021

- Done workshop on software implemented in Akroum's olive press that help the accountant to input customer's info and output the corresponding receipts.
- Working on Chaudière that will improve the quality of the olive oil.
- Training Akroum students on olive cultivation and olive oil process.

## Internship

**DAR AL HANDASAH**

**BEIRUT, LEBANON**

Done with internship and training program for summer 2021 at Dar Al Handasah on different projects including fire alarm system and networking issues.

**3E**

**BEIRUT, LEBANON**

Done with training program from May 2022 till July 2022 on the following networking courses: 2G,3G, and LTE 4G.

## RELEVANT COURSES

- Analog Signal Processing
- Digital Systems Design
- Signals and Systems
- Mobile Applications
- Computer Networks
- Radio Frequency Integrated Circuits
- RF Circuit Design
- Reconfigurable Computing

## TECHNICAL EXPERTIES:

- Python++, Html, internet use, Java
- MATLAB, Pspice, Excel, Word, PowerPoint, VHDL, MP LAB , E-portfolio , Lab View.

## SKILLS

- Time management
- Problem solving
- Teamwork
- Leadership
- Critical thinking
- Organization

## SPOKEN LANGUAGES

English(fluent), Arabic(native)

## Projects:

### 1.CLIENT AND SERVER APPLICATION

March 2020

Application that takes an input username and password and it is connected to server. When opening the application, you can see info about the client, number, picture...

### 2.ROBOT

Nov 2019

Built up and programmed a robot from scratch using EV3 module.

### 3.BRIDGE

Dec 2019

Designed a bridge and implemented the design in a wooden sample that can handle 7Kg objects.

### 4. FINAL YEAR PROJECT

MAY 2022

Final year project is a standalone working code that can be licensed. This code tackles the noise problem that many people witnessed during online meetings/learning during covid pandemic. The code run in real time on most mobile phones and not computationally expensive. The code was also implemented on piezoelectric device used in musical instruments. It intended to filter noise using wiener and Kalman filters. A machine learning model (neural-network) was done as an improvement for noise reduction and up-to date algorithm. This code was successfully implemented and used to remove background noise while transmitting musical notes and voice notes to the other end.

## 5. COMMUNITY SERVICE PROJECT

Sept 2022

In progress

### AWARDS AND EXTRACURRICULAR ACTIVITIES/WORKSHOPS

✓ Girls GotIT workshop	2018
✓ Awarded USAID scholarship	2018-present.
✓ Volunteered with Reforestation activity at Bekaa (Sad al Aroun)	4 Feb-2019
✓ Volunteered with Barbara Nassar Association-Cancer Awareness	Feb 2019
✓ Volunteered with Orphan society Saida	Nov 2018-Feb 2020
✓ The Time Management Workshop with Ms. Jolie Shalhoub at AUB	Jan 2019
✓ The Career Aspiration workshop with Ms. Clara Nader at AUB	Jan 2019
✓ The Problem-Solving Workshop with Mr. Samir Costantine at AUB	Jan 2019
✓ The E-portfolio Workshop with Mr. Mohammad Awwad	Jan 2019
✓ The Multimedia Essentials Workshop with Mr. Rabih Shibli	Jan 2019
✓ Volunteered in MTV program (Sar el Wa2et) with Ms.Alcy	Oct 2019
✓ Debate techniques in MTV station workshop	Jan 2020
✓ Volunteered with Chemonics on research paper done to solve problem related to environmental health and pollution	Summer2021
✓ Entrepreneurial Mindset Workshop with Mr. Amir Hijazi	Jan2021

### INTERESTS AND HOBBIES

---

- Sports
- Reading
- Dancing
- Nutritional topics
- Food health and service
- Cooking

### REFERENCES

Are available upon request.