

SARA HAMDAN

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EDUCATION

- FALL 2018 – ON GOING

BE IN COMPUTER ENGINEERING, LEBANESE AMERICAN UNIVERSITY

Current CGPA: 3.74

Expected graduation term: Spring 2022

Courses:

Control Systems
Information and Coding Theory
Intelligent Engineering Algorithms
Telecommunication Systems
Operating Systems
Computer Programming
Smart Grids Systems
Electric Circuits I & II
Database Systems
COE Applications
Data Structures
Computer Networks
Computer Architecture
Engineering Economy
Professionalism In Engineering
Digital Systems
Noise in Communication Systems

Grade:

A
A
A-
A-
A-
A-
A-
A-
B+
B+
B+
B+
B+
A
A

Ongoing Courses:

Software Engineering
Intelligent Data Processing & Applications
Project Management

Projects:

Android Application for Teaching Coding for Beginners in COE Applications
JavaFX Paint Application in COE Applications
Record Store Management System in Database Systems
Intelligent Vacuum Cleaner (Search Agent) in Intelligent Engineering Algorithms
Typing Race Game in Digital Systems
Campus Network Design in Computer Network
Rock Paper Scissors Lizard Spock simulation in Logic Design
Tic-Tac-Toe Simulation game in Data Structures

- 2010 - 2018

LEBANESE BACCALAUREATE, ÉCOLE SAINT VINCENT DES FILLES DE LA CHARITÉ

EXPERIENCE

- Summer 2021, Fiber Optics Internship at OGERO Telecom.

The internship program covered Central Office, Digital Subscriber Line (DSL), and Fiber To The x (FTTx) configurations. I got to learn the how to install primary and secondary cables as well as learn about UTP and fiber cabling and their respective connectors. In addition, I got to understand where telephone lines originate, where they terminate, the usage of every equipment crucial for the operation of a Central Office. The internship also gave a better understanding how different blocks placed in separate rooms are connected together and work collectively so users can benefit from services offered by the Central Office.

As part of financial aid work:

- Fall 2018 – Spring 2020, Riyad Nassar Library Beirut Campus
I was responsible for checking on the printers, supplying them with paper and ink when needed. I became familiar with fixing printer jams and helping out students who were facing issues with printing, allowing me to better my communication skills.
- Summer 2019 – LAU Post Office
I was responsible for checking on the mail every day and put it in the rightful box. I also got to arrange the mail for students in their respective boxes, and was introduced to a new organization system. This task also helped me improve my collaboration skills as I was often paired with other students to distribute the mail across the different cases in the post office.
- Fall 2019 – Spring 2020, Project Management and Contract Administration Office
I was mostly responsible for bringing any new mail from the post office to the office I worked in. Sometimes, I was asked to exchange papers between two departments which enhanced my communication skills with the employees.

SKILLS AND ACHIEVEMENTS

- Placed on the Dean's Distinction List
- 50% Scholarship recipient based on Lebanese Baccalaureate exams
- Software: proficient in Java, HTML
- Knowledgeable in: Python, SQL, SPARQL, PSPICE, MATLAB, CSS, Assembly Language
- Languages: fluent in French, English, Arabic. Capable of reading, writing, and understanding Spanish

HOBBIES AND INTERESTS

- Member of the IEEE Student Branch club at LAU
- Reading and writing short stories whenever the time allows.