Jamale F. Sleiman
Electrical Engineering

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OBJECTIVE

Electrical Engineering Student with great ambitions and anxious to put my knowledge and experience to work, where I can enhance my current skills.

PROFESSIONAL EXPERIENCE

8/2019-Present — **Living Room – Coffee & Cocktail Bar**
- Shareholder & Co-founder
- Continuously monitor the bar and take appropriate action to ensure drinks quality and service standards are consistently met.

07/2019-08/2019 — **Middle East Airlines (MEA)**
- Took part in maintaining an A330 aircraft airworthy under the supervision of MASCO
- Learned how the electrical system in an aircraft works and the different procedures that must be done in case of engine or power source failure
- Witnessed an A320 aircraft simulator, and got to know the different parts and function of its cockpit

12/2018-01/2019 — **The National Electrical Utility Company (NEU Company) - Debbas Group**
- Successfully learned about the Advanced Metering Infrastructure (AMI) that will be soon implemented across Lebanon
- Witnessed a MV Switch Gear construction, and learned the different functions of its parts
- Took part in assessing the existing Feeders and Substations for rehabilitation

07/2018 - 08/2018 — **WILCO PM-For Poultry and Meat**
A poultry with fully-automated slaughterhouse and processing facilities based on PLC automation.
Fields covered during the internship:
- Installation of electrical wiring and boards
- Electrical repairs for generators
- General view over: PLC automation, water, oil level, air and pressure switch monitoring, steam boiler and lighting by motion area

7/2016 - 7/2018 — **Batroun International Festival**
- Worked as a hostess which improved my communication skills

EDUCATION

2016 - Present — **Lebanese American University, Byblos, Lebanon**
- Bachelor's degree in Electrical Engineering
- Minor in Computer Science
- GPA 3.03 (Equivalent to 80/100 based on LAU's grading system)
- Expected Graduation Date: 2021

2002 - 2016 — **Collège SSCC-Batroun, Lebanon**
- Baccalaureate-General Science Section

PROJECTS

12/2019 **Robotic Pet:** In this project we utilized the Rover 5 platform to mimic a robot that is able to act as a pet. The two aspects that were implemented are a "Fetch" and a "Keep Distance" functionality. The Raspberry PI acts as the brain of the system and the motor of the rover is controlled by the PIC18F4550 board.

12/2019 **Test Your Memory:** Created this multiplayer game using a MC9S12DT256 Freescale Microcontroller. In this project one user is required to enter a number of sequences and the second user will try to memorize the sequence and then tries to write the numbers in the right order.

05/2018 **Home Automation System Project**: Completed this project using electronic components to controlthe states of a bulb and a curtain in a certain room.

12/2017 **Parking Ticketing Machine Project:** Succeeded in implementing this project using the Logic ICs to create a machine which takes as an input the hours parked at a certain parking and outputs the payment needed.

COMPUTER SKILLS

Microsoft Office, Altera Quartus, PsPice, Java, Matlab, AutoCAD, C, Assembly language, Python and Gams (beginner).

LANGUAGES

Arabic – native language, French & English– speak, read and write with high proficiency.

MEMBERSHIPS AND TRAININGS

2018-Present **Artificial Intelligence Club**
LAU Student Branch
- Committee Member

2016-Present **Institute of Electrical and Electronics Engineers Club (IEEE)**
LAU Student Branch
- Board Member-Secretary (2018-2019)
- Co-chair of Memberships (2017-2018)
- Official Member (2016-Present)
Official IEEE Section
- Member

2016-Present **Women In Engineering (WIE)**
- Official Member

2011-2019 **Les Scouts Du Liban – Groupe SSCC Batroun**
- Cheftaine Clan (2017-2019)
- Assistante Cheftaine Troupe Eclaireuses (2015-2017)

CERTIFICATES

02/2018 **'WIE Can Code' Participation Award:** For volunteering in organizing a JAVA workshop for high school girls in Lebanon, with WIE LAU Student Branch Club and in collaboration with the NGO All Girls Code.

02/2017 **IEEE-LAU (Student Branch) Most Active Member Award:** For participating in many technical events organized by the club.

INTERESTS AND HOBBIES

Skiing, swimming, reading, camping, hiking, basketball and volunteering.
References are available upon request.