

Roucoz E. El Morr

(IEEE Member)

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Objective

- Seeking an engineering position that will incorporate my graduate studies in electronics and programming engineering.

Work Experience

❖ Engineering customer support expert **Zinaty Electronic Center ,Zahle,Lebanon**

August 2017-July 2018

Designed a Pic Microcontroller projects: water tank level indicator, 7segment display, garage control, alarm and others.

Designed a Locker by LabView: a locker that can open by entering a password on the LCD touch screen and it is accompanied by an alarm system.

Designed an Automatic Voltage Regulator: an AC voltage regulation system to protect the electronic devices from an over or under load.

Produced an Audio equalizer: equalization mode to control the audio by adjusting the middle, the base and the tribal.

Produced aThree output DC power supply: a supply that transform AC to DC voltage and gives you three outputs two are variables and the third is a 5v fixed output.

Studied an Uninterrupted Power Supply: known as UPS it is an inverter with an adapter system, it transform the AC to DC. The DC voltage remains in the batteries then it is consumed after its conversion to DC voltage.

❖ Engineering Project Leader **EDUCAT, Lille, France**

August 2018-December 2018

Designed and Produced a Mechanical sensor system for a Wheeling chair: a mechanical design that contains sensors and electrical boards to prevent the user from any obstacle by estimating the distance and this system is applicable to all wheeling chair

❖ IT Consultant, **American University of Science and Technology,Zahle,Lebanon**

September 2016-january 2017

Leading and Managing university's laboratories

Studied a Smart pillow: a pillow that wake you up by vibration or music and enhances your mood, it can be controlled by an application from your phone.

Produced a Smart Desk: a smart desk that helps you to organize your day and take a rest from your work.

Designed a PLC controlled Mixer: a system that is controlled by a plc and have the capacity to mix to liquid together with corresponding to the orders of the plc for the pumps, valves and other outputs.

Produced a Multifunctioning car: a smart robot car that avoids obstacles and it can be controlled from your phone via Bluetooth or using an infrared remote control.

Conferences

- Participation IEEE Conference - Information & Communication Systems, N. Halabi, A. Hussein ,the Beirut, Lebanon, April 2016.
- Participation Arduino Robotics conference , American university of science and technology, zahle, Lebanon, october 2017.
- Participation Denise Marcheznay-Vice President CGI in France, ISEN, Lille, september 2018.

Education

- **Master Degree in Electrical and Electronics Engineering GPA 3.44/4.00** **September 2020**
Istanbul Aydin University, Florya, Istanbul, Turkey
- **Bachelor of Science (BS) Degree in Computer and Communications Engineering with emphasis in mechatronics Engineering (CCEM) GPA 3.51/4.00** **December 2018**
American University of Science and Technology, Beirut, Lebanon
- **Erasmus student exchange program computer and automation** **August 2018**
Lille Catholic University, Higher Institute of Electrical and Numerical, Lille, Yncrea, France

Certifications

- **1st smart desk project in innovation and entrepreneurship** **June 2019**
INJAZ Innovation and Entrepreneurship
- **14th exposition for engineering and computer science** **May 2018**
American University of Science and Technology, Beirut, Lebanon
- **Bank of Beirut Innovation and entrepreneurship** **April 2017**
American University of Science and Technology, Beirut, Lebanon
- **1st Industrial control project exposition** **December 2017**
American University of Science and Technology, Beirut, Lebanon
- **Speech Contest Certificate** **April 2016**
American University of Science and Technology, Beirut, Lebanon
- **Competency in English (ECCE)** **December 2015**
University of Michigan, Michigan, United States of America

Technical Skills

- Programming Languages : C/C++, Assembly, HTML, CSS, PHP, IOS
- Circuit Simulation : MATLAB, Lab View, PSPICE, PCW compiler, Proteus, Circuit Maker
Electronics Workbench, Express PCB, WPL software.
- PLC : Programming and implementation.
- Networking : Design, simulation, and implementation.
- Mechanics : Auto Desk Inventor, Auto Cad

Personal Description

- Detail oriented and thoughtful professional prepared to excel in the field of communications and mechatronics engineering.
- Hard worker and fast learner.
- Self motivated individual and enjoy team work.
- Fluent in English, French, Turkish and Arabic spoken and written.