AMIOUN-KOURA: NORTH LEBANON.

PHONE NUMBER: 71-094788. E-mail: sandymikhael3@gmail.com.

SANDY IBRAHIM MIKHAEL

PERSONAL INFORMATION

Nationality: Lebanese

Date and place of birth: 15/06/1996, Amioun-North Lebanon.

Sex: Female.

INTERNSHIPS

August 1st 2018 - August30st 2018   CIMENTERIE NATIONALE   Chekka North-Lebanon

- Worked with Power and Industrial Engineers in power generation and electrical maintenance.
- Learned about the MAK and VARTSILA generators, "Digiflex Com", Earth testing, Megger MIT 320, Belt Protection, Connection of a fiber optic, testing motor's vibration and acceleration.

June1st 2018 - July 1st 2018   HOLCIM   Chekka North-Lebanon

- Worked with Automation and Electrical Engineers.
- Learned how to program and maintain projects based on PLCs.
- Learned how to repair electric damages

April 1st 2017 – May 1st 2017   KYPROS   Afsdik El-Koura

- Learned about how to design and install solar panels.

July 2nd 2016 – August 2nd 2016   TECHTRADE DOORS   Amioun El-Koura

- Worked with several engineers (Mechanical, Electrical, Computer, and Interior designers) on many projects concerning the design of rolling doors using advanced technology.

September 1st 2017 – May 24th 2019   UNIVERSITY OF BALAMAND   Kalhat El-Koura

- Worked as a lab assistant with a doctor in the faculty of engineering (file's organization,

May 1st – 1st June 2021   ATALIAN SWITCH GROUP   LeMall Dabyeh- Holdal Group

- Worked with electrical engineers in facility management and services. I had a strong idea about the FM process which is interdisciplinary field that focusses on the ongoing maintenance and management at LeMall and Holdal group, ATS system, step down transformers, BMS system, VFDs and other electric devices. Also, I had learned how to work into pressure, deal with requests that are received in case of damages and develop a good communication with technicians and engineers.

June 3rd – 23rd AUGUST 2021   EMCO ENGINEERING LTD   Hazmieh

- During the three months of training, a wide experience in electric design and automation was developed. I had learned about: P&ID from A to Z and putting electric instruments, designing wiring diagram and layout of the panels, programming using PLCs, visiting the site where the water and waste water plant should be installed and dealing with suppliers after preparing BOQs in order to obtain the best offer. I had worked on two projects: water and waste water plant of Abi Ramia (LEBANON) and Omran Jameel Factory (IRAQ).

WORK EXPERIENCE

• **September 8th 2019 – January 8th 2020   Ramaco Qatar   Qatar**

Working as an Electrical design engineer for a restaurant located at Doha Mall.

EDUCATION

2017-2019: Master in Electrical Engineering / Automation and Control – **University of Balamand.**

2015-2017: Bachelor in Mechatronics Engineering - **ISSAM FARES FACULTY OF TECHNOLOGY - University of Balamand.**

2015: Lycee-Saint-Pierre Amioun -LEBANESE BACCALURATE IN LIFE SCIENCE.

LANGUAGES

Arabic	Read, Written, Spoken	Maternal language
French	Read, Written, Spoken	1st studied language
English	Read, Written, Spoken	2nd studied language

SKILLS & ABILITIES

Software Skills:

Lab View, Arduino, Visual Studio, MPLAB-X, Simatic Step 7, PC View, Ciros, Packet Tracer, MATLAB, Microsoft Excel, Microsoft Project, Microsoft Office Word, Microsoft PowerPoint, AutoCAD, Proteus.

Hardware Skills:

PIC18F45k22, Altera, Arduino Board, Mitsubishi & DOF Arm, Festo Station, Programming Languages: C, C++, C#, Assembly, Melfa Basic IV.

Certificates:

CCNA1-CISCO

CCNA2-CISCO

MEMBERSHIP /SOCIAL ACTIVITIES/ PROJECTS

- Organizing many seminars and events at university during spring 2019.
- **Intelligent Green Bus Stop:** This project was designed for bus stations at the University of Balamand in order to inform students about weather conditions, news and clock through an 'LCD'.
- **Data Clustering using "Affinity Propagation":** The main concept of this project is to enter arbitrary many images (data sets) and classify them into clusters.
- **Electrical filter using PLCs** that aims to reduce dust emission.

REFERENCES

Dr. Rasha El-BERBARIE, Eng. Michel DOUMITH and Eng. Hadi ABDALLAH.