

# Mohammad Fahed Chebli

## Personal Data

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## Objective

Seeking a career as a biomedical engineer at your reputable institute that will develop my strength and knowledge, and to enhance my experience, skills and capabilities so this will make me a part of the company's success story.

## Education

**Year:** 2016 to 2018

**University:** Lebanese International University (LIU).

**Major:** Master of Science in Electronics Engineering/ Emphasis on Biomedical Engineering.

**GPA:** 90/100

**Year:** 2012 to 2016

**University:** Lebanese International University (LIU).

**Major:** Bachelor of Science in Electronics Engineering/ Emphasis on Biomedical Engineering.

**GPA:** 75/100

**Year:** 2009 to 2012

**University:** Omar Al-Mokhtar Education Center (O.M.E.C).

**Major:** BAC II – Life Science.

## Job Experience

**Date:** March 19, 2015-Dec 19, 2015

**Company:** Bekaa Hospital

**Location:** Lebanon

**Job title:** Biomedical Engineer

- Introduced to a wide variety of medical equipment's in different departments.
- Equipment accessories and operation.
- Study maintenance contracts with external parties and approve them.
- Preventive Maintenance check.
- Medical Equipment Maintenance Management.
- Follow-up with external parties.

- Evaluation of equipment end users.
- Studying manuals for several medical instruments.
- General Corrective maintenance (by internal or external parties).
- Medical gases (oxygen, compressed air, carbon dioxide, nitrous, vacuum system).
- Filling incident reports at machine failures.
- Preparing technical reports and proposals for new equipment's.
- Filling equipment history records following every equipment maintenance or check.
- Installation of all equipment's in all the units with a team of technical specialists.
- Prepare all policies procedures and forms for the engineering, maintenance and biomedical departments.

Date: May 18, 2016-August 26, 2017      **Company: Chtaura Hospital**      Location: Lebanon

**Job title: Biomedical Engineer**

- Introduced to medical equipment's in the hospital.
- Design, Planning and Preparation of all departments.
- Follow-up with external parties.
- Study maintenance contracts with external parties and approve them.
- Preventive maintenance check.
- Medical Equipment Maintenance Management.
- Equipment accessories and operation.
- Evaluation of equipment end users.
- Studying manuals for several medical instruments.
- Medical gases (oxygen, compressed air, carbon dioxide, nitrous, vacuum system).
- General Corrective maintenance (by internal or external parties).
- Filling incident reports at machine failures.
- Preparing technical reports and proposals for new equipment's.
- Filling equipment history records following every equipment maintenance or check.
- Installation of all equipment's in all the units with a team of technical specialists.
- Training and educating all nursing and medical staff on all medical equipment's for Optimum operation and safety.
- Prepare all policies procedures and forms for the engineering, maintenance and biomedical departments.
- Operating HIS (Hospital Information System), LIS (Lab Information System), RIS (Radiology Information System).
- Preparing a balance sheet of the engineering, maintenance and biomedical departments.

Date: Feb 19, 2018-Oct 26, 2019      **Company: Chtaura & Al Mayyas Hospitals**      Location: Lebanon

**Job title: Biomedical Engineer**

- Quality Control check and testing using Biomedical Engineering testing tools (ECG simulator, Patient simulator, Energy check, Testing infusion rate, ESU check, Blood pressure analyzer, Electrical safety analyzer for all devices and equipment's, Defibrillator analyzer, Syringe pump analyzer and Infusion pump analyzer).

Date: 2013 - 2020

Private Lessons

Location: Lebanon

**Job title: Private Lessons**

- Giving a private lesson for grades 7 till 12 especially in:
  - Math, Physics, Biology and Chemistry subjects.

Date: 2020 – 2021

Bar-Elias Education Center

Location: Lebanon

**Job title: Tutor**

- Giving a private lesson for grades 10 & 11 especially in:
  - Physics subject.

Date: 2009 - 2020

Computer Maintenance

Location: Lebanon

- Networking.
- Coding.
- Formatting.
- Repairing.
- Installation.
- Applications.

### Computer Skills

1. **Office Automation:** Microsoft Office (Excel, Word, Power Point and Access).
2. **Microcontroller programming:** Arduino, PIC 12, PIC 16 and PIC 18.
3. **Operating Systems:** Windows, Mac and Ubuntu-Linux.
4. **Programming Languages:** Java, C++.
5. **Simulation Software:** MATLAB, Lab VIEW, Python.
6. **SCADA:** Proteus, Multi-Sim, Ares, AutoCAD (2D, 3D and Isometric), P-Spice, Electric Guru, Fritzing, CISCO packet tracer, Formtec Design, Express PCB, Express SCH, Livewire, Crocodiles (Math, Physics, Chemistry and Technology/ CLIPS), Net Beans IDE, Yenka, Microchip Studio (ATMEL), LT-Spice, Bio-Edit, Mie Simulator, and F-tree pedigrees creating.
7. Working on Com 3 Lab software.
8. Working on VMware, Photoshop software's.
9. Manage and analyze data.

### Other Skills

- Ability to work simultaneously on multiple tasks.
- Medical devices technical knowledge.
- Medical equipment knowledge.

- Very good managerial skills.
- Able to set priorities.
- Interest in medicines and engineering.
- Ability to organize work and follow the weekly plan in detail.

## Achievements and Conferences

- Get a first-place certificate for the BEST POSTER AND PRESENTATION in 2016 in my senior project in the first Engineering day in Bekaa campus (May 2016, 26).
- I have earned a certificate for my participation in the first Exhibition Engineering Day in my University.
- I have earned a certificate for my participation in the ARDUINO Workshop in summer 2015.
- I have earned a certificate for my participation in the conference in Biomedical & Clinical Engineering in the Arab Countries from 25-26 OCTOBER 2017 in HILTON HABTOOR GRAND HOTEL BEIRUT-LEBANON in the ***Competency Development of Biomedical Engineers for Innovative Technology Lifecycle Management towards High Quality of Patient Care.***
- I have earned a certificate for my participation in the conference in Biomedical & Clinical Engineering in the Arab Countries from 25-26 OCTOBER 2017 in HILTON HABTOOR GRAND HOTEL BEIRUT-LEBANON in the ***Project management in Health care information technology and Clinical engineering.***
- I have earned a certificate for my participation in the webinar conference for “MEDTRONIC PRIME (Program on Raising Industry skills for Medical Engineers) – MODULE: VENTILATORS” on Sept 22, 2020 in association with FORCE Biomedical.
- I have earned a certificate for my participation in the webinar conference for “MEDTRONIC PRIME (Program on Raising Industry skills for Medical Engineers) – MODULE: ULTRASONIC ENERGY” on Oct 23, 2020 in association with FORCE Biomedical.
- I have earned a certificate for my participation in the webinar conference for “Skills Required for Medical Devices Sales” on Sept 5<sup>th</sup>, 2020 in association with FORCE Biomedical.
- I have earned a certificate for my participation in the training about 10 hours on Medical Implants Design using ANSYS Software on 16<sup>th</sup>-20<sup>th</sup> November in association with FORCE Biomedical.
- I have earned a certificate for my participation in the webinar conference for “MEDTRONIC PRIME (Program on Raising Industry skills for Medical Engineers) – MODULE: Respiratory Monitoring” on Nov 30, 2020 in association with FORCE Biomedical.
- I have earned a certificate for my participation in the webinar conference for “MEDTRONIC PRIME (Program on Raising Industry skills for Medical Engineers) – MODULE: Electrosurgery” on Dec 22,2020 in association with FORCE Biomedical.
- I have earned a certificate for being a MEMBERSHIP in FORCE Biomedical Organization on Dec 1,2020.
- I have earned a certificate for my participation in the webinar training for “NIHON KOHDEN (in Biomedical training course for critical care area products) on Nov 20<sup>th</sup>, 2020 to Feb 12<sup>th</sup>, 2021 in association with FORCE Biomedical.
- I have earned a certificate for my participation in the webinar training by FLUKE Biomedical for (Patient monitor testing: Details for NIBP, Pulse Oximetry, CO-Oximetry and Cardiac Output) on May 7<sup>th</sup>, 2021.

## Languages

- **Arabic:** Writing, Speaking, Reading.
- **English:** Writing, Speaking, Reading.

## References

Will be provided upon request.



