

Mhamad Shmaysani

Electrical Engineer

Fresh graduate Electrical Engineer interested in control and power systems, renewable energy and artificial intelligence domain. Always looking for new challenges and continuous development, looking forward to continue growing in the engineering, business and research fields.



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📞 71326214

📍 Lebanon

📅 21 September, 1997

EDUCATION

Masters of Science in Electrical Engineering Lebanese International University

10/2018 – 07/2202

GPA: 3.57

Bachelor of Science in Electrical Engineering Lebanese International University

10/2016 – 09/2018

GPA: 3.42

WORK EXPERIENCE

Trainee MASS

07/2019 – 09/2019

Bir Hasan, Beirut

Mechanical & Electrical Contracting

Tasks/Achievements

- Worked in electrical drawings using AutoCAD for several types of buildings.
- Performed several office tasks.

Trainee Ghaddar Machinery Co.

07/2018 – 08/2018

Ghazieh, Sidon

Operates in the field of electrical generating sets, power take off units, power control and switchgear units

Tasks/Achievements

- Worked in control units of the generators.
- Assembling generator parts.

CERTIFICATES

Participated in Earthing System workshop at "Training and engineering consultancies office" (TECoffice) (03/2019)

Participated in a 4 hours of practical training in Arduino workshop at LIU-Nabatieh campus. (03/2018)

SKILLS

MATLAB

AutoCAD

Microsoft Office

NetBeans-IDE

Power world simulator

TIA Portal

Winpro ladder

Helioscope

PROJECTS

Design of Brushless DC Motor Controller Based on Artificial Intelligence (2020)

- The project provided a MATLAB model for an improved controller of the brushless dc motor based on two artificial intelligence methods (Radial Basis Function Neural Network & Fuzzy Logic). This controller can be a better replacement to the traditional PID controller.

Implementing Solar PV System in South Lebanon (2019)

- A study for implementing a PV system in Zrayieh village in order to reduce the dependability on the generators during blackouts.

Piezoelectric Energy Harvesting from Foot Step (2018)

- Piezoelectric materials were used in a prototype designed in form of plate, these materials were subjected to mechanical stress from the footstep and have the ability to generate electric charges when subjected to this kind of stress.

CONFERENCES & COURSES

Student and Young Professional Lebanon Congress (03/2018)

American University of Beirut

- Transitioning into work field panel.
- Importance of emotional intelligence.
- Learned about leadership at work and how to make strategies to achieve your goals.

IEEE LCW'17 (2017)

Islamic University of Lebanon

- IEEE Lebanon Communications Workshop, provided several presentation about the new technology in communications, the fiber optic technique.
- Implementing fiber optics in Lebanon.
- The use of fiber optics in communication between devices like robots
- Training with T-Grid company, learned to work with some fiber optics equipment of T-Grid company.

Introduction to Satellite Technology (09/2019)

Lebanese International University

- Successfully completed the six day three credits course entitled Introduction to Satellite Technology (CanSAT)

The Complete 2019 PLC Programming Bootcamp (07/2020)

Udemy

- Learned how to program and develop a PLC with the use of basic relays, HMI and SCADA.