

Youssef Saeed

Contact

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Languages

English
(Excellent) Arabic
(Excellent)
Spanish (good)

Hobbies

Guitar Playing
Music Production
Movies

Skill Highlights

Helioscope and PVSyst for Solar Design

AutoCAD, Revit (for MEP),
LabVIEW & Arduino

Word, Excel, Outlook and
PowerPoint

Strong communication skills

On-site experience

Summary

I am a Mechanical Engineering graduate from Beirut Arab University with one year of experience. My Electro-Mechanical experience started with Generators as a great start at Jubaili Bros and I also did a handful of internships. I am currently an electro-mechanical engineering intern with Modon Group, in the field of pumps. I am fully ready to take on any new opportunity with big resilience.

Experience

**Electro-Mechanical
Engineer at Modon Group
07/2023- 12/2023**

- Design of pumping station projects (Pump, pipe and valve selection) + BOQ calculation + AutoCAD
- Hands-on experience on pump installation sites (Mechanical systems).
- Detailed understanding of manufacturing process for spool and water hammer tank production including the welding process.
- Control Panel Building for Motor Starters (Star Delta- Autotransformers- VFD-Soft Starters) and ATS Systems.

**Technical Engineer at
ITCAN solutions
1/2/2023- 28/4/2023**

- Analysis of engineering data on Aveva for digitalizing solutions.

**Drafting Intern- 14/1/2023 to
01/2/2023 Dar Al Inshaat, Sidon**

- AutoCAD drafting + design for villa plumbing systems.

**Intern at Hassanein Co,
Ghazieh- 30/11/2022 to
15/12/2022**

- Assembly of Lighting Towers (hands on experience) + AutoCAD 3D.

Solar Engineering Intern – 4/7/2022- 11/8/2022

UNDP Lebanon

- **Solar PV System**

Design Calculations, Simulation of PV projects using Helioscope and BOQ plus site visits

- **Solar Water Heater Design**

Design Calculations and selection of water heater systems and components

Electro-Mechanical Engineering Intern – 20/12/2021 to 21/01/2022 Jubaili Bros, Sidon Branch

- Generator assembly

Wiring ATS systems and Deep Sea control panels, in addition to generator coupling at the assembly line.

- Metal Fabrication

Operation of different industrial machines for metal fabrication including laser cutter, punching machine, bending machine and cutting machine.

Education

Bachelor of Mechanical Engineering – (2018- 2022)

Beirut Arab University, Debbieh

Certifications

Swimming Pool Design:

Center for Continuing and Professional Education

Energy Audit: (with the assist of Site Technology Company)

Association of Energy Engineers, Lebanon Chapter

IC3 (Digital Literacy)

Center for Continuing and Professional Education

Solar Photovoltaic, Solar Water Heater, and Career Guidance

UNDP Lebanon

Career Readiness Program

Injaz Lebanon