

Khalil SAAB

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Summary

Electrical power & machines engineer with 1+ year of experience in electric engineering and design, robotics and RF design. Interested in renewable energy systems. Seeking a challenging role in an company to apply my creative, innovative and logical abilities, develop my technical skills and gain a high level of experience that will help me grow and achieve my career aspirations.

• Preparing the Detailed Engineering including the following:

- Engineering calculation including load flow analysis, voltage drop and Short Circuit Calculation.
- Equipment Sizing and Selection.
- Automation and control systems.
- RF & microwaves projects.
- Printed circuit board(PCB) design.
- Microcontrollers projects & power electronics.
- Solar PV power plants.

Experience



Electrical Engineer

Kodion Consulting

Apr 2021 - Present (11 months +)

Joining Kodion consulting company and being a member of communications and RF engineers, led me up to master RF design with most its details and calculations, increase my knowledge of making printed circuit board (PCB) and grow up my team work and communications skills



Electrical and Instrumentation Engineer

Saab's electronics

Jan 2020 - Mar 2021 (1 year 3 months)

Building my own electronic store business affected positively my thinking, electronics and maintenance skills. In addition to increasing knowledge in marketing and communications domains.

Education



Beirut Arab University

Bachelor of Engineering - BE, Electrical and Electronics Engineering

Mar 2020 - Jun 2023

Focusing on getting high grades in the my field led me up to archive a good ranking with excellent GPA in electrical and computer department.

In addition to high academic focus, archiving perfect work experience through internships and workshops in electric engineering is a necessity, creating projects and getting certificates is one of goals, due to that:

1. I have done an home automation system after microcontrollers workshop.
2. I got a MATLAB certification.
3. I got an IC3 certification.
4. I was a member with electrical and mechanical engineers team from making a smart robot hand using Arduino UNO.
5. I was a member with electrical engineers team for making calculations and designs to install solar panels.

Skills

AutoCAD • Solar PV • Electrical Safety • Engineering • Electrical Controls • Electrical Industry • Electrical Work • Electrical Maintenance • Engineering Drawings • MATLAB