

# Sharaf Abu Hantash

## Electrical and Renewable Energy Engineer

I am seeking a position as an Electrical Engineer or in the Renewable Energy sector where I can utilize my deep knowledge in electrical engineering and my expertise in sustainable energy technologies to develop innovative projects that contribute to environmental sustainability and reduce dependence on traditional energy sources.

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## EDUCATION

### Electrical and Renewable Energy Engineer

Arab American University

10/2019 - 02/2024

## WORK EXPERIENCE

### Intern

PALsolar Company

07/2023 - 10/2023

Palestine

*This training was conducted at a power plant with a capacity of 2 megawatts.*

#### Achievements/Tasks

- Participated in the design of renewable energy systems with the engineering team.
- Contributed to the installation and setup of solar panels, inverters, and associated structures.
- Designed and installed DC BOX, and connected its output to the inverter room.
- Designed, installed, and assembled inverters, connecting their output (AC) to distribution boxes.
- Supervised the project, monitoring daily and weekly progress, and analyzed system performance to ensure efficiency.
- Improved operational and maintenance processes for optimal performance continuity.

### Sales Representative

Winston Company

09/2020 - 01/2021

Palestine

#### Achievements/Tasks

- Provided exceptional customer support and responded to product inquiries, ensuring high customer satisfaction.
- Contributed to sales growth by presenting attractive offers and developing effective sales strategies.
- Managed client relationships, addressing their needs and resolving any issues promptly to maintain strong partnerships.
- Analyzed market trends and competitors to identify new business opportunities and optimize sales performance.

## SKILLS

C++

MATLAB

Simulink

Microsoft Office

PVsys

ETAP

Multisim

PowerWorld Simulator

AutoCAD

PowerPoint

Engineering Supervision

## PERSONAL PROJECTS

### UnderGround Cable Fault Locater Device

- This project focused on detecting and locating faults in underground cables using the Murray method. The objective was to develop a reliable system capable of identifying faults and accurately determining their distance within the cable infrastructure.

## CERTIFICATES

### Mastering Solar System Electrical Implementations (MSSEI) (08/2024)

*The course covers solar panel grounding, inverter placement, cable installation, and connection techniques. It also includes testing solar systems and understanding interconnection codes like G59 and G99.*

### Solar Career Development Bootcamp (07/2024)

*Certificate of Completion for the "Solar Career Development Bootcamp," covering essential skills for the solar market, career development guidance, LinkedIn strategies for building a solar career, and training on graphic design and AI generation tools.*

### Introduction to maintenance of Electrical substations (07/2024)

### Understanding AutoCAD Drawing (07/2024)

### Advanced Solar PV Robotic Cleaning Solutions Webinar (07/2024)

*It was an intensive seminar provided by Darbco on solar panel cleaning robots.*

### Essential Skills for Thriving Solar Careers (07/2024)

### Solar CAD Toolbox (06/2024)

*It was a course on designing solar energy projects using AutoCAD.*

### PV system Projects Life Cycle (06/2024)

### Safety and Health Management (08/2022)

*A seminar by the Engineers Syndicate on 'International Safety and Health Management System Standards' and 'International Safety and Health Standards by Design.'*

### Solar Cell Design (03/2021)

*It was a course on designing solar energy projects using PVsys, with a total of 30 hours of training.*

## LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Professional Working Proficiency