Ahmed Gamal Sediq
Solar Energy Engineer

Quwaysna, Menofia, Egypt   +02 01063916030   **Military Status**: Completed

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Profile:

A dedicated and results-oriented Solar Energy Engineer with expertise in designing, implementing, and optimizing solar energy systems, including feasibility studies, system modeling, advanced software usage, and in-depth knowledge of photovoltaic technologies.

BSc. Renewable and Sustainable engery Engineering, Menofia University, Egypt.   2022

- Overall Grade : Good.
- Design and Fabrication of a Horizontal Axis Wind Turbine- Graduation Project
  - Design three twisted shapes blades to get maximum power coefficient of cp=0.51 and speed of 6.8 m/s.
  - Grade: Excellent

Skills:

Proficient in:	Good Knowledge of:	Familiar with:
• Sketch Up pro • AutoCad • PV SOL • Microsoft Office	• PV SYST • Solar design • Electrical Engineering • Classic Control	• Safety Codes • Line diagrams • Design Engineering

Courses:

Eco Solar   July 2021- October 2021

Topics Covered:

- Introduction of electric power generation and principles.
- Normal and Power Sockets according to IEC.
- Cable Selection categories.
- CB selection. Rating and SC.
- Power factor correction technique and manufacturing.
- Complete project design of a 5 floors building.
- containing static and dynamic loads.
- Auto CAD Software Full Session.
- Technical overview of Cables.
- Technical overview of transformers.
- Different types of Cables and insulation material.
- Earthing design and SPECS.
- Extract Main Components and the Break-Down Accessories.

Experience:

Solar Engineer Trainee at Amazon solar power   Jan 2022

- An overview of the principles and design of the solar system

Maintenance engineer at Elmenofi Bek - Full time   Jul 2022 – Apr 2023

- Troubleshooting equipment malfunctions
- Scheduled maintenance.
- Diagnosing faults.
- Creating maintenance procedures.

Languages:

- Arabic Mother tongue.
- English V.Good.