

Sami Abdelhalim

Energy Engineer | P: +970594057447 | samimamoun0@gmail.com

OBJECTIVE

To obtain a suitable vacancy at Renewable energy field as an energy engineer [site, or design engineer], or at Industrial field as an Energy auditor or Quality Engineer.

EDUCATION

AN-NAJAH NATIONAL UNIVERSITY
Bachelor of Energy and Environment Engineering
Cumulative GPA: 3.34/4 (Very good)

Nablus, Palestine
Jan, 2023

NATIONAL CHARITY SCHOOL
High secondary school
12 grade's GPA: 95.56

Dubai, UAE
2016-2018

TRAINING

NOJOOM SOLAR CO.
Site solar Engineer

Bedya, Palestine
June, 2021 - Aug, 2021

Responsibilities:

- Site survey.
- Projects designing and implementation (PV modules, inverter, steel structure, and cables).

Projects:

- Four projects (5.350 kWp).
- One project (10.7 kWp).
- One project (10.165 kWp).
- One project (7.49 kWp).

PALESTINE ENERGY AUTHORITY
Energy Engineer

Nablus, Palestine
June, 2022 - Aug, 2022

Responsibilities:

- Energy auditing.
- Design an on-grid PV system using PVsyst software.
- Design an off-grid PV system using PVsyst software.
- Design a hybrid PV system.
- Studying the impact of the PV system on the grid using E-tab software.

UNIVERSITY PROJECTS

• GRADUATION PROJECT

“Implementation of TEST toolkit in Al-Rajeh factory as an Energy Management Tool”.

Project degree: Excellent.

Details:

The TEST toolkit was designed by the United Nations Industrial Development Organization (UNIDO). This regional initiative aims at promoting the shift toward sustainable consumption and production patterns. It is a systematic way of identifying and exploring the most feasible potentials for resource efficiency and continuous improvement of the use of materials, water and energy within a company, building on its specific needs and internal capacities.

The result was a reduction in electrical consumption by nearly 50%.

• RENEWABLE ENERGY COURSE PROJECT

“Designing a solar car parking system for the front yard of the faculty of Engineering at An-Najah National University”.

- ELECTRICAL INSTALLATIONS COURSE PROJECT

“Electrical drawing of lighting lines, sockets and fire alarm systems for a hospital using AutoCAD and DIALux”.

- PRODUCTION PLANNING AND INVENTORY CONTROL COURSE PROJECT

“Calculate the forecasting demand of the next periods for Al Rajeh factory, for both detergent production section, and wipes production section”.

- ENVIRONMENTAL IMPACT ASSESSMENT COURSE PROJECT

“Environmental impact assessment for Al-khair for meat factory”.

Project steps:

- Request environmental approval from the Environmental Quality Authority.
- Determine the baseline of the region where the factory will be built.
- Screening.
- Scoping.
- Identification matrix of the project.
- Leopold matrix.
- Mitigation.

CERTIFICATES

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| -Certified Photovoltaic projects Design and Simulation from Association of Energy Engineers "AEE". | 2021 |
| -AutoCAD (Single line diagram) in PV energy projects from “IEEE” Association. | 2021 |
| -Circuit breakers selection from “IEEE” Association. | 2021 |

COMPUTER SKILLS

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- MatLab, and Simulink.
 - MS Office (Word, excel, and powerpoint).
 - AutoCAD.
 - PVsyst.
 - SketchUp.
 - ETAP.

LANGUAGES

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- Arabic (native tongue).
 - English (Good in speaking, very good in writing and listening).

REFERENCES

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- Dr. Mohammed Alsayed
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