Holds a B. Sc. in Energy & Renewable Energy Engineering and is looking to gain experience in her field of education.

PERSONAL DATA

Nationality	**:**	Egyptian
Gender	**:**	Female
Residence	**:**	Quobri Al-Obba, Cairo

EDUCATION

: B. Sc. in Energy & Renewable Energy Engineering, Ain Shams University (ASU), 2019

LANGUAGES

Arabic	**:**	Native Language
English	**:**	Very Good
German	**:**	Fair
French	**:**	Basics

COMPUTER SKILLS

- **:** Windows, MS Office (Word, Excel, Power Point), Internet
- **:** AutoCAD
- **:** Dialux
- **:** PVSYST
- **:** PV SOL
- **:** Sketch up
- **:** ETAP
- **:** Photoshop

TRAINING COURSES AND CERTIFICATIONS

- **:** Electrical Distribution, Genius Center, El Nozha, 60 hours (Dec. 2019).
- **:** Solar Energy, Genius Center, El Nozha, 30 hours (Sep. 2019).
- **:** PLC programming Basic, Ihub (powered by Siemens), ASU, 30 hours (Mar. 2019).
- **:** Arduino, Center Junction, Dokki, 30 hours (Aug. 2018).
- **:** German: A1.

: Training at Egypt New & Renewable Energy Authority (NREA) (Aug. 2018):
- Gained exposure to different types of renewable energy resources.
- Learned about PV solar cell technologies.
- Learned how the solar power plant works.
- Knew about types of turbines and suitable location to construct wind turbines.

: Training at SCHNEIDER ELECTRIC (Jul. 2018):
- Gained exposure to different types of LV earthing system.
- Learned about the protection against direct contact & how to detect the fault current.
- Knew about motor starting & electric drives.

: Training at SCHNEIDER ELECTRIC (Jul. 2017):
- Learned about home automation systems.
- Gained exposure to the basics of classic control & PLC.

: Training at SCHNEIDER ELECTRIC (Jun. 2016):
- Learned about basic functions of low voltage switchgear.
- Gained exposure to the types of PV systems.

Graduation Project:

Design of a smart house utilizing wind and solar energy combined:
- Measured average wind speed in different locations.
- Designed wind turbine by calculating the parts of the turbine that suitable for the chosen location.
- Manufactured of a PV cell made of Acrylic.
- Determined number of modules according to the roof house area.
- Cost analysis of whole system and compared it to the system with available PV to get the savings.