

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

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Electrical Distribution, Genius Center, El Nozha, 60 hours (Dec. 2019).
: Solar Energy, Genius Center, El Nozha, 30 hours (Sep. 2019).
: Conversation English course at AUC.
: German: B1.
: Training at Egypt New & Renewable Energy Authority (NREA) (1 month in Jul. 2018):

- Learned about many types of renewable energy systems.
- Knew the difference between PV types.
- Learned how does power plant works.
- Knew the different types of wind turbine and how to make siting.

: Training at SCHNEIDER ELECTRIC (1 month in Jun. 2018):

- Learned the difference between earthing & grounding.

- Knew different types of LV earthing system.
- Knew about motor starting.
- : Training at Shoubra El-Kheima Power Station (1 month in Jul. 2017):
 - Learned how to do high voltage transformers work.
 - Got exposure to construction of motors & different types of relays.
 - Gained knowledge about control circuit connection & basics for PLC.
- : Training at SCHNEIDER ELECTRIC (1 month in Jun. 2017):
 - Learned home automation systems & basic for PLC.
 - Learned how to make a control for small systems in the factories.
- : Training at SCHNEIDER ELECTRIC (1 month in Jun. 2016):
 - Got exposure to different types of PV.
 - Learned about low voltage system switchgear.
 - Knew the difference between different types of relays.

Graduation Project:

Design a smart system that utilizes a hybrid system of wind and solar energy combined:

- Addition this system to the natural grid.
- Electrical distribution system for this house.
- Calculating overall energy saving power.