

Holds a B. Sc. in Electrical Power & Machines Engineering and is looking to gain experience in his field of education.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 31/03/1996
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2019

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: DIALux and DIALux EVO
: ETAP and Ecodial Advance Calculation
: Cummins Power Suite Software for generator sizing
: EKTS and WPLSoft
: Proteus and MICRO C

TRAINING COURSES AND CERTIFICATIONS

: Electrical Distribution System at Faculty of Engineering - Summer training which include Electrical Designing of: Load Estimation, Lighting, Wiring, Sockets, Specify Cable sizing and formation, Selection of Circuit Breaker, Unbalanced calculations, Selection of transformers and Design Single Line Diagram (Jul./Aug. 2017).
: Micro Controller (PIC 16F887A) small project in how to control in Green houses Conditions such as moisture, Heater, Sprinkler, Lighting System, Temperature, Fans and Electrical Water Pump (2017).
: Operation and maintenance of stations at Helwan Networks Training Center (Jul. 2017), which include:

- Types of Stations "AIS & GIS".

- Construction of Station.
 - Medium Voltage Switch Gear.
 - Circuit Breaker.
 - Battery Room.
 - Auxilliary Transformers.
- : Power Electronics Training Course Level 1 at Helwan Networks Training Center (Aug. 2018), which include:
- Uni junction Transistor(UJT).
 - Frequency Divider Circuit.
 - Silicon Controlled Rectifier.
 - Application circuits In UJT Wave form Generation and (SCR).
- : Classic control Training Course in Faculty and Student Activities (2016 & 2018).
- : PLC "S7200" Programming Training Course (Level 1) at Helwan Networks Training Center.
- : Power Transformers Training course at Helwan Networks Training Center (Jul. 2018), which include:
- Types of Transformers.
 - Type of cores and Types of Cooling.
 - Transformer components.
- : Light current course which include fire alarm system, CCTV system and Telephone System (2018).
- : Certificate in Presentation Skills (Udemy Site) (Jun. 2018).
- : Electrical Shop Drawing for electrical power, lighting and cable tray designing (Dec. 2020).
- : Solar Energy Basics by The State University of New York (coursera site) (from Dec. 2020 till Jan. 2021), this course include: Introduction to solar power systems, PV system electrical components, Calculating PV system size, Applications of PV, Explain methods to reduce electrical consumption.
- : Electrical panels from the executive side course (Dec. 2020), which include: Types of low voltage panel board, Construction of panel board, Feeding system of panel board, Different types of circuit breaker.

Graduation Project:

Electrical distribution Designing of hospital: Electrical Designing works which include Load estimation, Indoor lighting, Sockets, Cable sizing calculations, Selection of Circuit Breaker, Design Single Line Diagram, Short Circuit Calculations, power factor correction, Selection of transformers and Selection of Generators.