

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 1 year experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/03/1995
Gender : Male
Marital Status : Single
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2018
: Elsaf Secondary School

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Revit
: Dialux

TRAINING COURSES AND CERTIFICATIONS

: Network Training Center, Helwan (transformers, protection and measurements).
: Training at the factory of iron and steel of Helwan.
: Power Distribution Course (Basic and advanced).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2019 till now
Employer : Center of Planning and Architectural Studies (CPAS)
Job title : Electrical Design Engineer

- Job Description** : • Design of projects for electrical power installation and light current systems (Hospital, Factory, shops, Commercial buildings, Administrative buildings, Banks).
- Electrical Power Installation includes the following:
 - Design of general and special lighting systems by Dialux.
 - Distribution of power systems (sockets, disconnect switches and power outlets).
 - Air conditioning calculations (Central-D.X unit-split unit).
 - Lifts Design.
 - Cable routing design.
 - Panel board schedules.
 - Uninterruptible power supply (UPS) sizing.
 - Power factor calculation and capacitor bank selection.
 - Transformer sizing and selection.
 - Low voltage single line diagram (SLD).
 - Design of low voltage network.
 - Diesel generator sizing.
 - Light current systems (CCTV, data, telephone, intrusion, fire alarm, public address and nurse calling system).
 - Preparation of Bill Of Quantities (BOQ).
 - Load estimation.
 - Short circuit and voltage drop calculations.
 - Making selectivity and cascading between incoming and outgoing circuit breakers.
 - Coordination with MEP.
- Dates** : From Jun. 2019 till Dec. 2019
- Employer** : Military
- Project** : El Kayan El Askary (the new capital) in 110 Project
- Job title** : Electro-mechanical Engineer