

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 2 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/09/1995
Gender : Male
Marital Status : Single
Residence : Helwan, Cairo

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Revit
: Dialux
: Ecodial
: ETAP
: Programming using C++ & MATLAB

TRAINING COURSES AND CERTIFICATIONS

: Technical training in West Cairo Station.
: Distribution course level 1, 2.
: Low voltage switch gear.
: Classic control.
: PLC.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2020 till now
Employer : Target for engineering consultant
Job title : Electrical Design Engineer
Job Description : Design of projects for electrical power installation and light current systems (residential, villas and administrative buildings) according to UAE standard.

Dates : From Jan. 2019 till Jan. 2020
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, Sporting stadium, shops, Commercial buildings, Administrative buildings, Banks).
- Electrical Power Installation includes the following:
 - Design of general and special lighting systems by dialux.
 - Design of outdoor lighting, façade and flood lighting 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 Dec. 2018 till Jan. 2019
Employer : Quality for Engineering Consulting
Job title : Junior Electrical Office Engineer
Job Description :

- Shop Drawing for power panels.
- Distribution of power systems (sockets, disconnect switches and power outlets).
- Cable routing.