

Holds a B. Sc. in Electrical Engineering and has over 2 years experience working in construction, technical office and maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 12/10/1995  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## **EDUCATION**

: B. Sc. in Electrical Engineering, Cairo University, 2018

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Dialux  
: Ladder logic  
: Matlab  
: Arduino IDE

## **TRAINING COURSES AND CERTIFICATIONS**

- : Online Industrial automation course by SIEMENS (Apr. 2020): Getting familiar with industrial Ethernet, communication protocols, differentiate between profibus and profinet and the Layers of OSI model.
- : Online PLC Course (Apr. 2020): The course included an introduction to PLC hardware components and ladder logic and simulating many projects using ladder logic.
- : Training at ECG Company (UTW program) (Jul. 2017 - Sep. 2017) - University to work program (UTW) introduced by ECG in its 9th edition, the program included the following:
  - Load estimation.
  - Lighting design.

- Cables and CBs sizing.
  - Single line diagram.
  - Transformer selection.
  - Revit and AutoCAD.
  - Dialux calculations.
  - Earthing and lightning.
  - MEP coordination.
  - SC and VD calculations.
  - The program also included site visits to (Barkouky, Schneider Electric, Fagerhult, 3 Brothers factory).
- : Classic control at NTC Helwan (Jun. 2015): Discuss the main components of Classic control such as (contactors, timers, relays and push buttons) and also simulating many projects like motor's direction control and star-delta starting control method.
- : Electronics at NTC Helwan (Jun. 2015).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2020 till now  
**Employer** : Vinci Constructions  
**Project** : Cairo Metro Project  
**Job title** : Technical Office Engineer  
**Job Description** : Studying tender documents, prepare detailed design drawings and calculations for each metro station and coordinate with other teams.

**Dates** : From Mar. 2019 till Mar. 2020  
**Employer** : Armed Forces Engineering Authority  
**Projects** :

- Landscape lighting for the octagons (New Egyptian Ministry of Defense): by Alrawda Company for contracting - Supervising the cable paths, make sure of the required burring depth and making BOQs
- 22/0.4KV substation to power the 100,000 m3 water lifting station for the octagons (New Egyptian Ministry of Defense) (from Mar. 2019 till May 2019): by High Dam Company for contracting - Experience with (8DJH RMU - 8 cells distributor - battery charger - 4 transformers - MDBs - local panels - 2 backup generators)

**Job title** : Supervising Engineer  
**Job Description** : Supervising projects, make sure that all work is done well and according to the schedule, handling site problems, quantity surveying works and preparing contractors' invoices.

**Dates** : From Sep. 2018 till Jan. 2019  
**Employer** : Makeena CNC  
**Job title** : Maintenance Engineer  
**Job Description** : Responsible on installation of control panels of CNC machines and fixing electrical faults in it.