

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 2 years hands-on experience working in installation, maintenance and sales.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : Aug. 1994  
Gender : Male  
Marital Status : Single  
Residence : Nasr City, Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2018

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Autodesk AUTOCAD  
: E-TAP power station  
: DIALUX (interior)  
: Siemens TIA Portal for PLC & HMI programming  
: Automation Studio  
: ASDA Soft (DELTA Servo-drive programming software)

## **TRAINING COURSES AND CERTIFICATIONS**

: English grammar and conversation, British Teacher (3 weeks in Aug. 2016).  
: MV & LV Power distribution & lighting systems design using (AutoCAD / E-TAP / DIALUX), EGYCET (48 hrs) (Oct. 2017).  
: Light current systems design and configuration (Fire alarm / CCTV / Telephone / Satellite / TV / Sound / Access control / data network) systems (online) (2 weeks in Oct. 2019).  
: Electrical classic control systems, EGYCET (24 hrs) (Oct. 2018).  
: Siemens PLC & HMI Programming via TIA Portal, EGYCET (72 hrs) (Oct. 2018).

- : Motor drives, VFDs, stepper and servo drives (online) (4 weeks in Jan. 2018).
- : Industrial communication networks (online) (2 weeks in Feb. 2019).
- : Diesel gensets components and maintenance (online) (4 weeks in Sep. 2019).
- Trainee / Internship program at Delta Chemical Industries, Talkha (Jun./Jul. 2019):
  - Power, protection and control system (primary and secondary system) for:
    - MV 20MW grid-tied generator driven by a steam turbine.
    - MV Switchgear (11KV).
    - 11/0.4KV distribution transformers.
    - 66/11KV Power transformers.
    - LV main distribution boards.
  - YOKOGAWA DCS layout.
- Internship program at Local Power Distribution Company, Mansoura (Jun./Jul. 2017):
  - Power distribution network layout.
  - MV distributors operation (11KV).
  - 11/0.4KV transformer installation.
  - LV power cables installation.
- : Electrical projects tendering and technical office (shop drawing and project documents preparation), DAR ELKAHRABA (Aug. 2020) (84 hrs).
- : Testing, commissioning and maintenance for MV, LV & earth systems (online) (Jun. 2020) (8 weeks).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2019 till now
- Employer** : ETA Electric, Giza  
 ETA ELECTRIC is the Egypt's exclusive agent of MERUS POWER, Finland, that is a European company specialized in power quality solutions e.g.:
- Active harmonic filter (AHF).
  - Static synchronous compensator (STATCOM).
  - Static VAR compensator (SVC).
  - Uninterrupted power quality (UPQ).
- Job title** : Technical Sales Engineer
- Job Description** : Scope of work:
- Power quality auditing and solutions providing for relevant problems e.g. harmonic content, poor power factor, load three-phase imbalance, voltage instability, sag, swell, frequency flicker, etc.
  - Testing, protective & corrective maintenance for power MV & LV networks and earth systems e.g.:
    - MV Distributors.
    - LV distribution and power factor panels.
    - Distribution transformers.
    - Earth pits and networks.
- Tasks:
- Sales:

- Lead survey and generation.
- Holding sales meetings and calls.
- Preparing presentations and catalogs.
- Pre-sales:
  - Collecting technical data and site survey.
  - Preparing technical and commercial proposals.
- Technical Office and implementation:
  - Engineering the assigned task.
  - Team leading to fulfill the assigned task.
- After sales:
  - Technical support.
  - Regular follow-up.

**Dates** : From Oct. 2018 till Jun. 2019

**Employer** : Simple Industrial Solutions Company (SIS), Mansoura

**Job title** : Electrical Installation & Maintenance Engineer

**Job Description** :
 

- Industrial-machines troubleshooting and maintenance (Plastic bags production line).
- Electric motor drives (VFDs, DC and stepping drives Setting-up and wiring).
- Temperature controllers Setting-up and wiring.
- Voltage automatic regulators (stabilizers) design and manufacturing.
- Electric motors (DC / AC / stepping) testing and rewinding induction motors.