

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience working in design and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/09/1992  
Gender : Male  
Marital Status : Married  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2014  
: High School: Nasr City School, 2009

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Classic control course.  
: PLC course (Siemens S7-300).  
: Distribution systems.  
: EPLAN Electric program for Electrical Project Planning & Documentation.  
: Maintenance Trainee Engineer at PET factory for packaging materials (from Jul. till Oct. 2012).  
: Electrical Site Engineer Trainee at "The Arab Contractors" in the construction of hospital called ELSHEIKH ZAYED ALNHANAN (Jul./Aug. 2011).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2016 till now  
**Employer** : ASEC Automation

**Job title** : Electrical Technical Engineer  
**Job Description** :

- Design: Full electrical design for factories (low voltage panels design - PLC panels design and implementation - cables & routing design - unit diagram design).
- Testing: Factory Acceptance Test for implemented panels.
- Commissioning: Perform I/O, continuity and Megger tests for all electrical equipment and sensors. Start-up and troubleshoot the project.

**Dates** : From Feb. 2015 till Mar. 2016  
**Employer** : Egyptian Army  
**Project** : Military Service

**Dates** : From Jun. 2014 till Jan. 2015  
**Employer** : PET factory for packaging materials  
**Job title** : Electrical Maintenance Engineer  
**Job Description** :

- Responsible for the continuous running of equipment, machinery and the efficiency, development and progress of manufacturing and processing industries.
- Involved in control and monitoring devices and occasionally in the manufacture of items that helps maintenance.
- Working with other professionals in order to improve production facilities, reduce the incidence of costly breakdowns and develop strategies to improve overall reliability and safety of factory, production processes.
- Making daily/weekly/monthly reports of the performance of machines.

**Projects:**

- Technical Office Engineer at ZOHR DEVELOPMENT PROJECT (As Daily Rate Engineer by Schneider Elec.):
  - Support Construction Team when they face any Obstacle with technical solution.
  - Make Cable List and Interconnection Wiring Diagram.
  - Discuss the Client Comments with the Client to get the approve to the document.
- Coal mill at TITAN ELMAX Cement factory (Full low Electrical Design):
  - Design of all low electrical panels (MCC Panels, ACC Panels, Marshalling Panels).
  - Perform implementation design for Siemens PLC.
  - Perform implementation design for all analogue and Digital Sensors in the Project.
- Coal mill at Helwan Cement factory (Full low Electrical Design):
  - Design of all low electrical panels (MCC Panels, ACC Panels, Marshalling Panels).
  - Perform implementation design for ABB PLC.
  - Perform implementation design for all analogue and Digital Sensors in the Project.
- Cement production line at ELAIN ALKBEERA Cement Factory at Algeria:
  - FAT TEST for all I/O Panels (23 RPC) before shipping it to the factory.
- Coal mill with very big Storage Area and 4 dosing pin at MBCC Factory, MASR BNI CWEEF Cement Factory (Full Electrical Commissioning):

- Perform I/O Test of signals to Siemens PLC station.
- Perform Megger TEST for all of Cables and Motors.
- Check The Wiring Connection of all Electrical Equipment and Sensors.
- Perform Commissioning for SHNIDER Frequency Drives and ABB Soft Starter.
- Change 4 Burners for 2 Production Lines to Feed with Coal and Alternative Fuel.
- Troubleshooting the MILL during First Start.

Tools Skills:

- Good dealing with Schneider & ABB VSD Drives.
- ABB and Siemens PLC implementation design.
- ABB, Helmeke and Schneider VSD Starting and implementation design.