

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 6 years hands-on experience, including 4 years working in design field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 02/07/1990  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Benha University, 2012

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Matlab  
: ETAP  
: Dialux

## TRAINING COURSES AND CERTIFICATIONS

- : Course in "programming logic control PLC S7200" from "EGICS Company", "Jelecom" and SALESIAN INSTITUTE "DON BOSCO" (Aug. 2014).
- : Concept of classical control & Introduction to plc-300 series & Simatic manger, Hardware configuration & Blocks, Programming language, Symbol table & Binary, Logic operation & Timers, counters, Comparators & Make practical application on S7-3l3c (2DP).
- : Course in "Automatic Control by Contactors" from SALESIAN INSTITUTE "DON BOSCO": Indicates the design of the power and control circuits for machines using Contactors, Timers and Relay and ability to discover the fault and repair it and test each component of power or control circuit (basic of automatic control).
- : Course plc S7300 at Siemens (training for new employee at EGICS for one week).

- : Workshop (programming inverter and reading catalog, instrumentation (pt100, pt1000, connection of sensors, different type of sensors), installation, maintenance and programming (plc s7300, HMI and SCADA system).
- : Course in "Computer - AutoCAD 2D" from SALESIAN INSTITUTE "DON BOSCO": Indicates using Tools of AutoCAD in drawing shapes, flat and gates and using it in distribution of accessories in buildings such electrical Component (Nov. 2012).
- : Course in "electricity for civil installations" from SALESIAN INSTITUTE "DON BOSCO" (Aug. 2009).
- : ICDL (International Computer Driving License) (Oct. 2010).
- : Training at Schneider "Discrimination and Cascading & low voltage Switch board optimization design & knx and intelligent buildings & variable speed drive and motor control center design" for 4 days.
- : Mep course from Engineering Home.
- : Trainings at:
  - North Cairo Electricity Distribution (Jul. 2009).
  - The Misr Petroleum Company (Aug. 2010).
  - Egyptian Holding Company for Airpofis and Air Navigation (Jul. 2011).
  - Egyptian Airport for understand & maintenance electrical distribution system.
  - EGICS Company (from Jul. till Dec. 2012).
  - MISR ELHIGAZ as Maintenance Engineer (Apr./May 2014).
- : Participate in MIE (Made In Egypt), reach to the final and display my project at Cairo International Center for Conferences (Sep. 2012).
- : Basic English at DON BOSCO.
- : Distribution course from Cairo University (Jan. 2010).
- : Low current (self study).
- : Lighting distribute by Dialux Evo 4, CEGMAN.
- : Revit MEP, MTC License 1QMFV57845 (Dec. 2014).
- : PLC applications basic training, Jelecom (Jul. 2011).
- : Micro controller course, EUC (Mar. 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2015 till now
- Employer** : CEGMAN
- Projects** :
  - Design:
    - El Fayoum University.
    - Stra City.
    - Central lab of Ismailia.
    - Gouna (1 & 2) "residential compound".
    - Al Solya "residential compound".
    - West Helz "residential compound".
    - Beni Suef Hospital.
    - Sohag Hospital.
    - Balsafoura Hospital.
    - El-Qusya Police Station.
    - MPU SHOP DRAWING.
    - Empapa Police Station.
    - KSA METRO SHOP DRAWING.

- SUPERVISION OF INSTALLATION WORK:
  - Code 800.
  - Nitrose Aced.
  - Fayoum University.
  - Earthing operation of new foundry at Helwan.
  - HIF AT HELWAN.
  - El-Agoza Police Hospital.
  - Empapa Police Station.
  - Atfal Misr Hospital at El-Saida Zainab.
  - ENVIROMENTAL RESEARCH INSTITUTE.
  - WEST HELZ.
  - G-CRIBS 2.
  - POLICE ACADEMY FENCE NEW CAIRO.
  - RELIGIOUS INSTITUTE AT 6TH OCTOBER.

**Job title** : Electrical Design & Supervision Engineer

**Job Description** :

- Design of low voltage interior (lighting & power).
- Design of light current (data & tel & cctv & public address & clock system & nurse call & mastv and fire alarm system).
- Design of cable routing and sizing of it.
- Design of low voltage network.
- Sizing of cable & cable tray & circuit breaker and cable riser.
- SLD of panels and calculation of panel schedule.
- Riser block diagram of light current systems.
- Calculation of voltage drop and short circuit by ecodial and simares.
- Preparing of BOQ (bill of quantity).
- Load estimation by (NEC & IEC) for residential.

**Dates** : From Sep. 2014 till Dec. 2014

**Employer** : Misr Café

**Job Description** : Training as Operation Engineer for roaster production line.

**Dates** : From May 2014 till Aug. 2014

**Employer** : MEETCO

**Dates** : From Jan. 2013 till Mar. 2014

**Employer** : Egyptian Army

**Project** : Military Service