

Holds a B. Sc. in Electrical Power Engineering and has about 2 years hands-on experience working in design and technical office.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/03/1992  
Gender : Male  
Marital Status : Single  
Residence : Misr El-Gedida, Cairo

## EDUCATION

: B. Sc. in Electrical Power Engineering, Higher Technological Institute, 10th of Ramadan City, 2014

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D  
: Dialux  
: Etap & Docwin  
: EKTS (classic control simulation)

## TRAINING COURSES AND CERTIFICATIONS

: Training in the field of Construction sites and electrical installation systems, Misr Contraco Group for Constructions (Feb. 2015).  
: Electrical power distribution & AutoCAD 2D - Shop drawing & Dialux, EGY CET (Jan. 2015).  
: Classic control systems, Jelecom (Oct. 2014).  
: Renewable energy and electricity, NREA (New and Renewable Energy Authority) (Jun. 2014).  
: PLC Diploma, Arab-tech (Aug. 2013).  
: Pic Microcontrollers, MTC Autodesk (Sep. 2012).  
: Process and control systems (classic and pneumatic), TCC Ministry of Industry (Technology Center) (Aug. 2011).

: Analog and digital electronics advanced course, Jelecom (Aug. 2010).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2016 till now  
**Employer** : Tharwat Consulting Office (T.C.O)  
**Projects** :

- Cairo West Airport – Air Force Hospital at Cairo – Egypt
- Al-Melez Airport at Sinai – Egypt

**Job title** : Electrical Design & Shop Drawing Engineer  
**Job Description** :

- Responsible for preparing design & shop drawings layout systems such as: Lighting, Power, Cables routing, Fire alarm & Public Address, MATV, CCTV, Telephone and Data.
- Preparation of panel board load schedule and schematic diagrams based on voltage drop and short circuit calculations.
- Preparation of Electrical substations buildings layout: cable containment, sections, voltage drop & filling ratio.
- Sizing and Selection for cables and circuit breakers.

**Dates** : From Nov. 2015 till Apr. 2016  
**Employer** : RAKA Design Consulting Group  
**Project** : Security Forces Medical Center Project at Riyadh and Jeddah (MOI) (FAMILY & SINGLE APARTMENT BUILDING – RESIDENTIAL MASJED – CAR PARKING)  
**Job title** : Electrical Design & Shop Drawing Engineer  
**Job Description** :

- Responsible for preparing design & shop drawings for low voltage and light current different systems such as: Lighting, Power, Cables routing, Earthing and lightning, Fire alarm and evacuation, Security and access control, Telephone and data.
- Lighting system design and shop drawing by Dialux.
- Voltage Drop and Short Circuit calculation by Docwin & ETAP.

**Dates** : From Jun. 2015 till Nov. 2015  
**Employer** : MAM for Engineering Industrials Group  
**Job title** : Electrical Panel Board Design Engineer  
**Job Description** : Design low voltage panel boards, Sizing cables, C.B selection and control circuit design (ABB and Schneider Panels).