

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 3 years hands-on experience working in his field of education.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/05/1990  
Gender : Male  
Marital Status : Single  
Residence : Al-Mahalla Al-Kubra

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2013

## **LANGUAGES**

Arabic : Native Language  
English : Good  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD, Dialux  
: ETAP / MATLAB / PSCAD / ATP / PSIM / PROTEUS software

## **TRAINING COURSES AND CERTIFICATIONS**

: Power Distribution Course from Mansoura University (Nov. 2015).  
: Generators from Schneider Electric (Oct. 2015).  
: Power Distribution 1 & 2 from Schneider Electric (Sep. 2015).  
: Protection of Power Transformers, Tanta Railways (Sep. 2015).  
: ICDL Certificate from Ministry of Communications and Information Technology – EGYPT (Nov. 2012).  
: Low Voltage Distribution Networks, South Delta Electricity Company (Aug./Sep. 2012).  
: First Aid Course, Faculty of Pharmacy, Sinai University (Apr. 2012).  
: Medium and Low Distribution Systems, North Delta Electricity Company (Aug./Sep. 2011).

: Power Stations - electrical protection - high voltage switching, Mansoura University (Jul./Aug. 2010).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2016 till now  
**Employer** : Power Automation Company

**Dates** : From Jan. 2015 till Dec. 2015  
**Employer** : Mansoura University Press

**Dates** : In Dec. 2014  
**Employer** : Technology Group, Cairo

### Graduation Project:

Transformers Modelling and under transient phenomenon.

USED TOOLS: Transformer 200KVA, 3.3KV/380V,  $\Delta/Y$ .

ABSTRACT: This project aims to design an equivalent circuit of the transformer in low and high frequencies (1 Hz to 100 MHz). We can make the tests on it without going to the factory. We can study the impact of transient phenomenon like switching and lightning on the transformer and to protect the transformer from any internal or external effects because the transformer is the most important components of the electric power system.

**Field of experience** : Lightning, Power, Fire Alarm, Street lighting, Air Condition devices and Distribution Control Panel Electrical Design & Cable Size and Load Calculations for buildings on AutoCAD and Dialux programs.