

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience in operation and design of LV & MV systems.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 06/10/1983

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD  
: FORTRAN and MATLAB programming  
: Basic programming languages like Logo, Pascal and Q-Basic.

## **TRAINING COURSES AND CERTIFICATIONS**

: Plastic Pipes and other Products (PPP):

- Gas and water pipes production in Petroleum Pipelines Company, Alexandria area, 2001.

: ASPEC (one of El-Swedy Grouped Companies):

- Summer training course for the faculty of engineering students in San Stefano Grand Plaza, Alexandria, 2003.

: Electric Distribution Company:

- 2 summer training courses for the faculty of engineering students in Alexandria (2004 and 2005).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2010 till now  
**Employer** : Drinking Water and Sanitation Company, Red Sea  
**Job Description** :

- Electric circuit breakers (switchgears), medium voltage (ABB).
- Water pumps works at the power of 800W.

- Motor and starters works with delta star connection.
- Medium voltage transformers works at 11KV and 22KV.
- Low voltage transformers works at 400KV and 6.6KV.
- CAT Generators 5MW.
- PLC and AVR cards.

**Dates** : From Oct. 2007 till Mar. 2010

**Employer** : Authority Engineering of Armed Forces

**Projects** : Hospitals, Stadiums, Hotels, Medical Centers, Electrical Networks, Villas, Buildings

**Job title** : Electrical Designer of Projects

**Further experience** :

- Power supply with a multi outputs.
- Multiplier stage for a small signal to enlarge it 10 times.
- DC chopper connected to a DC motor to control its speed smoothly.
- AC inverter (1-phase) controlled by PWM technique.
- AC inverter (3-phase) controlled by PWM technique (graduation project).