

Holds a B. Sc. in Electrical Power & Machines Engineering and has experience working as Site & Technical Office Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 05/05/1985  
Gender : Male  
Marital Status : Single  
Residence : Abbassia, Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2011

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
French : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Dialux

## **TRAINING COURSES AND CERTIFICATIONS**

- : Electrical Distribution:
  - Lighting design (interior lighting – exterior lighting – street lighting).
  - Mechanical loads power feeding and sockets distribution.
  - Panel boards design.
  - Cables design.
  - Voltage drop and short circuit calculation (manual and via Ecodial).
  - Earthing and lightning networks design.
  - Fire alarm design.
  - Sound system design.
  - Security systems design.
- : Microcontroller course: DC motor – stepper motor – servo motor control – LCD applications – Analog sensors – home automation system.

- : Automatic control course: control circuits – methods of operating motors – reverse methods – sequential operations.
- : Training at New and Renewable Energy Authority (NREA) (summer 2010).
- : Training at South Cairo Company for Electricity Distribution (summer 2010):
  - 1 week in El-Mokattam Training Institute: dealing with all grid elements in details.
  - 1 week in El-Qalaa Distribution Substation: identifying departments, outside trips to recognize the distribution network components.
- : Training at Suez Oil Company (summer 2008): 1 week in site (Ras Ghareb).
- : Training at Talaat Mostafa Group (Madinaty) (summer 2010):
  - Network of low and medium voltage.
  - Electrical installations.
- : Training at Egyptian Iron & Steel Company (summer 2008):
  - 1 week in maintenance motors workshops.
  - 1 week in Electronic laboratory & PLC laboratory.
  - 1 week in Protection Dept.
  - 1 week in SCADA laboratory.
- : Visits:
  - Zafarana Wind Farm (1-day-tour of the station) (Apr. 2010).
  - Sega-M (1 day) (identifying different types of circuit breakers (Apr. 2008).
  - Leoni Wiring Systems (2008).
  - Elsewedy Cables (2010).

## CHRONOLOGICAL EXPERIENCE RECORD

**Employer** : ATTIC for construction and consultant  
**Job title** : Site Engineer / Technical Office Engineer