

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 4 years experience working as Automation Engineer in several projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 17/06/1985  
Marital Status : Single

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2008

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD 2D (Default & Electrical)  
: Matlab  
: Basics of Visual Basic 6  
: Basics of SQL

## TRAINING COURSES AND CERTIFICATIONS

: Time Management, LTC Egypt, 2 days in Nov. 2012.  
: PLC programming ST-PRO1, Siemens, Egypt, 5 days in Nov. 2012.  
: Simatic PCS 7 System, Siemens, Egypt, 10 days in May 2012.  
: Mastering Leadership, Platinum Partners, Egypt, 5 days in Nov. 2011.  
: Process measurements & control (pressure, flow, temperature and level instruments) at Comex Training Center, 5 days in May 2009.  
: Soft skills courses (Presentation, Communication, Leadership skills) with STEP organization, Cairo University.  
: "Psychology of People" course with SkyHoops for Training and Development.  
: LAVARGE TITAN, Cement factory, Beni Suef, Egypt.  
: Training on Machine drives, Protection and PLC control, The Center of Electrical Networks Distribution, Helwan.

- : Training on the different Power System Elements.
- : Matlab programming, Cairo University, 5 days in Apr. 2006.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2012 till now  
**Employer** : Titan Cement Egypt (Beni Suef Plant)  
**Job title** : Automation & Instrumentation Engineer  
**Job Description** :

- Providing automation (Siemens S7 & PCS7) and instrumentation engineering assistance and troubleshooting for running the plant optimally improving its performance.
- Monitor and evaluate the efficiency of maintenance activities.
- Preparing for shut downs activities and schedules.
- Perform all preventive maintenance activities, ensure the enough protection to the industrial network and controllers programs and making periodical backups and secure.
- Contribute to the definition of spare parts lists, determination of their ordering and stock level with reviewing periodically.
- Participate the related projects and respond according the business needs.
- Following the appropriate health, safety and environmental practices in area of responsibility.

**Dates** : From May 2011 till Dec. 2011  
**Employer** : Titan Cement Egypt (Beni Suef Plant)  
**Job title** : Automation Project Engineer  
**Job Description** : Responsible for coordination, scheduling and monitoring of all technical activities in the upgrade project of the process automation system (Siemens PCS7).

**Dates** : From Oct. 2008 till May 2011  
**Employer** : United Engineers Company  
**Projects** :

- Klaheen Water Station:
  - Design the schematic control diagrams and contributed in panel building stage.
- Qena Water Station:
  - Design the schematic control diagrams and contributed in panel building stage.
- Smart Village Water Pump Station:
  - Design the schematic control diagrams and contributed in in the field installation stage.
- Airport TB3 Water Station:
  - Upgrade the plc system and make the start-up testing and commissioning.
- Arabia Gaz Refueling Gas Stations:
  - Upgrade the plc system, design the schematic control diagrams and make the start-up testing and commissioning.
- Diamond Factory:
  - Upgrade the plc system of the textile line.

- Refueling Gas Dispenser:
  - Design a new control system by PLC.
- Facous Water Station:
  - Design the PLC system of the filter control desks.
- Natora Sewage Station:
  - Design the control system and make the start-up testing.
- Sahlhashesh Sewage Stations:
  - Make the start-up and commissioning.

**Job title** : Automation Engineer

**Job Description** :

- Design the schematic control diagrams (AutoCad Electrical).
- PLC and panel components selection (Allen Bradley Products).
- PLC programming (Rockwell software).
- Testing and commissioning.
- SCADA and HMI design.