

Holds a B. Sc. in Computers & Control Systems Engineering and has about 1 year experience working as Solution Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/04/1988  
Marital Status : Single

## EDUCATION

: B. Sc. in Computers & Control Systems Engineering, Mansoura University, 2011

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Trained and certified from Mansoura University, Center of Scientific, Experimental and Technical Services on the following courses (Sep. 2010):
  - The Control Systems Architecture.
  - Types of Controllers.
  - Training and Architecture of PLC Siemens S7-300.
  - Programming PLC using ladder language.
- : Training in Talkha Power Generation (2008).
- : Trained and certified from Mansoura University, Center of Scientific, Experimental and Technical Services on the following courses (from Jul. till Sep. 2007):
  - Training on PLC PEP Smart 2.
  - Programming using ladder language.
  - Design and Programming SCADA Systems.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2011 till now  
**Employer** : PEP ARAB Control Systems

- Job title** : Solution Engineer in R&D department
- Job Description** : Developing a solution for smart DCS and finalizing installshield package for the solution using the following software, hardware and protocols:
- Software:
    - Isagraf (for PLC programming)
    - SyCon (Profibus Master Configuration tool)
    - KEPServerEx (OPC Server)
    - C#.Net (Developing OPC client application)
    - Wonderware Intouch (SCADA Software)
  - Hardware:
    - Poseidon board from diamond systems (supports PC/104 (ISA) bus interface)
    - CIF 104-PB from Hilscher (Profibus Master)
    - PLC PEP Smart 2 (Profibus Slave)
  - Protocols:
    - Profibus DP
    - Ethernet
    - Suitlink

**Further Technical Skills:**

- Control skills and Software used:
  - Programming PLC under the following packages:
    - Siemens Simatic Step 7
    - Isagraf
  - HMI & SCADA under the following packages:
    - Wonderware Intouch
    - Simatic Wincc flexible
    - Winlog
  - Familiar with the following industrial communication network protocols:
    - Profibus (DP-PA)
    - Foundation Fieldbus (H1)
    - HART
    - Modbus (RTU-TCP)
  - Familiar with the following OPC standard and specification group:
    - OPC DA (Data Access)
    - OPC DX (Data Exchange)
    - Develop OPC client application in C#.Net using OPC Data Access Automation Specification
- Worked on Kepware products (KEPServerEX-LinkMaster):
  - Worked on embedded systems using Diamond systems products.
  - Industrial communication technology using Hilscher products.
  - Instrumentation Process Control.
  - Understanding PID control and tuning.
- Software Engineering (in the following fields):
  - Design
  - Testing
  - Documenting
- Computer skills:
  - Programming using C#.Net