

Holds a B. Sc. in Electronics & Communication Engineering and has about 10 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/07/1982
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

- : B. Sc. in Electronics & Communication Engineering, Alexandria University, 2004
- : High School: El-Nasr Boys' School (EBS), where English high level is taught and the science and mathematics are taught in English

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : System Design, implementation and programming using Assembly and C language for the ATMEL family of microcontrollers and microprocessors
- : Electronic circuits design and implementation
- : MATLAB
- : Electronic workbench

TRAINING COURSES AND CERTIFICATIONS

- : Cisco Certified Network Associate (Cisco ID: CSC011479130).
- : Networking Security and Management Infrastructure: CCNA and CCNP, Ministry of Communications and Information Technology Scholarship.
- : PLC Siemens S7 Programmable Controller Course (Abu Qir Training Centre).
- : AUTOCAD 2D Course (Abu Qir Training Centre).
- : Soft Skills Courses (Communication skills – Presentation Skills – Problem Solving – Financial Fundamentals – Report Writing – Planning and Controlling Projects).

- : CCNA and CCNP courses (Arab Academy for Science and Technology).
- : Trainings at:
 - MANTRAC (CAT Engines Preparation) (Sep. 2003).
 - El-Amreya for Petroleum Pipelines (System monitoring) (Aug. 2002).
 - Alexandria University (High Voltage Protection) (Aug. 2001).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2007 till now
- Project** : Abu Qir Power Plant
- Job title** : Instrumentation & Control Engineer
- Job Description** :
- SPEEDTRONIC MARK VI Turbine Control System (GE Industrial System):
 - Turbine control valves calibration and forcing.
 - Mark VI system software design and modification.
 - Processors and interface cards configuration and maintenance.
 - Perform Trip and Historian Data analysis.
 - Bentley Nevada Asset Condition Monitoring 3500 Series Machinery Protection System.
 - Honeywell TPS DCS Control System management and maintenance.
 - PLC Siemens SIMATIC S5 Programmable Controller.

- Dates** : From Aug. 2011 till Feb. 2012
- Employer** : EMC (Egyptian Maintenance Company)
- Project** : Burullus for Gas phase VII
- Job title** : Instrumentation & Control Engineer
- Job Description** :
- Pre-commissioning, commissioning, start-up and hand over activities.
 - Function test, loop check of process control instrument and Cause & effect.
 - Installation, calibration and maintenance of:
 - Transmitters (Honeywell, Yokogawa, Fisher, ABB) for measuring level, pressure, ΔP and flow.
 - Pneumatic (I/P converter) and Hydraulic (servo) control valves.
 - On/Off (Stop) valves and check valves.
 - Pressure switches, thermo switches, indicators (manometers, thermometers), thermocouples and RTDs.
 - Familiar with calibrating using 375 HART® and 475 HART® Field Communicator.

- Dates** : From May 2006 till Nov. 2006
- Employer** : INCOM EGYPT for cables (Amreya Free Zone)
- Job title** : Technical & Planning Engineer
- Job Description** :
- Preparing technical offers, determining the offer price and delivery date and schedule the production processes to achieve delivery in time.

Professional Projects:

- RPM Meter using ATSERIO (8051 ATMEL microcontroller chip connected to the serial port of personal computer and programmed with C-language).

- Hardware implementation of 10-bands Audio Equalizer using Op-amps as band-pass filters.