

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

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 23/08/1986  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Photoshop, Flash & Adobe

## **TRAINING COURSES AND CERTIFICATIONS**

: COMPOSER Logic Control (SETC: 5.0.0), DCS (ABB INFI 90) Control System, ABB Training Center, Genova, Italy (Oct. 2011).  
: Power Generation Portal (PGP) Graphic System, DCS (ABB INFI 90) Control System, ABB Training Center, Genova, Italy (Oct. 2011).  
: Harmony Base Composer & PGP Configuration, DCS (ABB INFI 90) Control System, Sidi Krir on-site training by ABB stuff, Alex (Mar. 2012).  
: How to check the ladder diagram, creating the logic sheets & adding database for new tags, PLC (SIEMENS S7 SIMATIC 300), ABU QIR Training Center, Alex (Sep. 2010).  
: (Wintools & Composer) Control Logic, DCS (ABB INFI 90) Control System, ABU QIR Training Center, Alex (Apr. 2010).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2009 till now  
**Project** : Sidi Krir Power Plant 2x320MW with MSF Desalination unit 5000 M3/Day  
**Job title** : I&C Engineer

**Dates** : From Sep. 2008 till Jun. 2009  
**Employer** : KIRAZI Group  
**Job title** : I&C Engineer  
**Job Description** : Working there gave me enough experience in Relay Control System.

- Field of experience** :
- Distributed Control System (DCS):
    - ABB, Bailey Infi-90 for the boiler & Auxiliaries.
    - (Wintools & Composer 5) Control Logic.
    - (PGP 4.1) HMI & Graphic Display.
  - PLC:
    - Siemens PLC S7 SIMATIC 300, 400.
    - Allen Bradley (PLC 5): (RSlogix 5.00) Control logic for Air/ Gas heater, Soot blower & Auxiliary boiler.
    - Freelance 2000 for water treatment.
    - Fossil Power System (FPS): The control system for flame scanner which can be used in scanning all types of fuels in all types of industrial applications.
  - Relay Control System: Installation & Troubleshooting.
  - Field Working:
    - Calibration & Maintenance of pneumatic valves (Fisher, Siemens).
    - Calibration & Maintenance of smart transmitters (Rosemount, EH).
    - Calibration & Maintenance of switches (Pressure, Levels, Temp).
  - I was selected to work on process of updating control system for drain of steam heater from PLC SIEMENS SIMATIC S7 to DCS Bailey control system, Drawing COMPOSER logic sheets & PGP graphics, adding database & trend group for new tags (Oct. 2013).
  - I was selected to work on process of updating control system for Gas/Air heater from PLC ALLEN BRADLEY (PLC 5) to DCS Bailey control system, Drawing COMPOSER logic sheets & PGP graphics, adding database & trend group for new tags (Jan. 2014).
  - I was selected to work on process of updating control system for Oil Valves which was self-controlled to be controlled with operator whether in Manual-mode or Auto-mode. Drawing COMPOSER logic sheets & PGP graphics, adding database & trend group for new tags (Jun. 2015).
  - I was selected to work on process of creating the amount of consumed Oil/Gas/Solar which used in the operation of firing the boiler. Drawing COMPOSER logic sheets & PGP graphics, adding database & trend group for new tags (Oct. 2015).