

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/10/1991
Gender : Male
Marital Status : Single
Residence : Beni Suef

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD Electrical – Matlab Basics – ETAP Power System Basics
: Programming languages: C++, VBScript
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: PMP Preparation Course (PMP Exam on-going).
: Course Work at Target Engineering:

- GE Fanuc 90-30 PLC.
- GE RX3i PLC.
- GE Safety Net Pac800 PLC.
- GE Proficy Cimplicity HMI/SCADA.
- Instruments for Hazardous Areas.
- Fire & Gas Detection System.
- Det-Tronics, Eagle Quantum F&G System.
- Woodward 505 (Steam Turbine Digital Control).
- Woodward CPC-II Actuator(Current to Pressure Converter).
- Gas Turbine.

: Siemens PLC SIMATIC S7 Basic & Advanced, Mas Trading Company (50 hrs) (Aug. 2016).

- : Siemens SIMATIC S7 Communications, Mas Trading Company (25 hrs) (Aug. 2016).
- : Siemens Wincc Flexible for HMI & Scada, Mas Trading Company (25 hrs).
- : Siemens PLC Step 7-200, Future IT Company (36 hrs) (Feb./Mar. 2011).
- : Schneider Basic Automation Diploma, Schneider Electric (2012):
 - Classic Control (36 hrs).
 - Schneider PLC Modicon M340 (36 hrs).
 - Schneider SCADA System Vijeo Citect (36 hrs).
- : Design of Electrical Services for Projects, AVIT Company (48 hrs) (Sep. 2012).
- : Microcontrollers, Helwan Engineering (36 hrs).
- : Arduino (self study).
- : One month training at El-Kureimat Power Plant.
- : Online Training Udemy Academy Certification:
 - PLC Programming from Scratch (PLC I), Training on Allen Bradley PLC (Micrologix and SLC500) using RS Logix 500 (20 hrs) (Jan. 2017).
 - Practical PLC Programming (PLC II), Training on Allen Bradley PLC (Micrologix and SLC500) using RS Logix 500 (18 hrs) (Jan. 2017).
 - Process Visualization with HMI/SCADA (PLC III) (18 hrs) (Jan. 2017), Training on:
 - Allen Bradley Factory Talk Studio SE for SCADA Systems.
 - Wonderware InduSoft Web Studio for SCADA Systems.
 - Automation Direct C-more Studio for HMI.
 - Maple Systems EZ5000 Studio for HMI.
 - Advanced Programming Paradigms (PLC IV) (18 hrs) (Feb. 2017), Training on:
 - IEC 61131-3 Programming Languages for Industrial Automation Systems: Ladder Diagram (LD), Function Block Diagram (FBD), Structured Text (ST), Instruction List (IL), Sequential Function Chart (SFC) and Continuous Function Chart (CFC-Non IEC).
 - Allen Bradley RS Logix 5000.
 - Allen Bradley Connected Component Workbench (CCW).
 - ABB Automation Builder.
 - PVP Basics: Learn to use the A-B PanelView Plus HMI (10 hrs) (Jan. 2017): Training on Allen Bradley Factory Talk Studio ME for HMI.
- : Self E-Learning:
 - Siemens SIMATIC PCS7.
 - Siemens Simotion Scout.
 - CX Programmer Studio for OMRON PLC.
 - CX Designer Studio for OMRON HMI.
 - Vijeo Designer for Schneider HMI.
- : English: taking classes in NOT COURSES Center.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2013 till now
- Employer** : Target Engineering Company
(Represent: GE-IP Premiere solution provider, Woodward Governor, Det-Tronics)

- Projects** :
- Petrobel Company: Zohr Gas Field Development Onshore:
 - Phase 1 Utilities: ICSS Commissioning and Start-up, Field Instruments Commissioning.
 - Early Production Facilities: ICSS Commissioning and Start-up, Field Instruments Commissioning.
 - Khalda Petroleum Company: Hydra Phase IIID-Manned Operations:
 - GE PLC and SCADA/HMI Programming.
 - Field Instruments Commissioning and start-up.
 - Khalda Petroleum Company: Hydra Phase IIID-Unmanned Operations:
 - GE PLC and SCADA/HMI Programming.
 - Field Instruments Commissioning and start-up.
 - GE Power: Hurghada Power Plant:
 - Install a new Fire and Gas Detection System in Gas Compressors and Flame and Gas Detectors.
 - Commissioning and start-up for all detectors and Fire Controller.
 - GE Automation: STEP (Strategic Tunnel Enhancement Program, Abu Dhabi, United Arab Emirates):
 - Implementing the SCADA & HMI (CIMPLICITY & Quick Panel) for all the packages of the project.
 - Implementing the PLC Program for two packages (Ventilation & Chiller).
 - Midor Power Plant:
 - Upgrade Control System for Emergency Diesel Generators plant 2x6MW.
 - Commissioning and Start-up for the control system with load sharing and power management.
 - Midor (Middle East Oil Refinery):
 - Modernization of Control System and SCADA for Demineralization Water Package.
 - Field Instruments Commissioning and Start-up.
 - Upper Egypt for Food Industry - Beni Suef Plant:
 - System Engineering, Programming, Commissioning and Start-up for control system of production line using S7 315-2DP and make the communication with master Siemens PCS7.
- Job title** : I&C Engineer
- Job Description** :
- PLC & SCADA Programming (PCS, ESD), Panel Builder, Training.
 - Turbo machinery Control, F&G Detection System, Instrumentation.
 - FAT, SAT, Commissioning and Start-up activities.