

103851-CSX-14CMOS-E-2015

System Integration Engineer

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 1 year hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/02/1992
Gender : Male
Marital Status : Single
Residence : Maadi, Cairo

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: C++ language programming
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: Target Engineering, WOODWARD GOVERNOR 505 (2016).
: Target Engineering, Classification and Instruments for hazardous area (2016).
: Target Engineering, CPC-II Enhanced Current-to-Pressure Converter (2016).
: DS SOLID WORKS, Certified Solid Works Mechanical Design Association (CSWA) (2015).
: Menoufia University, Industrial Measurement Systems (2014).
: ACSystems, SIEMENS PLC (S7-300, S7-400) (2013).
: EHA, PLC Master-K 120S (LS) (2013).
: Menoufia University, Schneider PLC (Nano – Micro) (2013).
: Menoufia University, Micro Controllers (PIC Microchip) (2012).

- : Menoufia University, PCB Design, analysis and simulation (Eagle & PROTEUS) (2012).
- : Summer trainings at:
 - Agiba Petroleum Company (Jul. 2014).
 - EL-MALEKA Food Industries (Jun. 2014).
 - Al-Ahram Beverages Company (Jul. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2016 till now
- Employer** : Target Engineering
 Oil & Gas Service Company Specialized in instrumentation, control and turbines retrofit. The Company is a sole agent for (Det-Tronics for Fire & Gas detection & Woodward Governor for turbines and engine control systems) and also is a Premier Solution Provider for GE-IP.
- Projects** :
 - GE Power, Sharm El-Sheikh Power Plant - Installation of Flame Detection system in Gas Compressors Area:
 - Install 8 new Det-Tronics IR Flame Detectors X3301.
 - Commissioning all 8 flame detector.
 - Start-up the Notifier 3030 system.
 - Update the wiring documents.
 - Abu Dhabi Sewerage Services Company - STEP (Strategic Tunnel Enhancement Program Abu Dhabi):
 - PLC and SCADA/HMI Configuration.
- Job title** : System Integration Engineer
- Job Description** :
 - System Integration of Process Control Systems (PCS), ESD Systems, F&G Systems.
 - Develop PLC/SCADA application using GE PLCs (90-30, 90-70, RX3i, PAC8000).
 - Control Panels Design and read P&ID and wiring diagrams.
 - Instrumentation calibration.
 - Write detailed technical documentation (FDS, FAT/SAT procedure and operations & maintenance manual).
 - Conduct FAT, engineering site surveys, commissioning and start-up activities.