

Holds a B. Sc. in Electrical Engineering and has over 5 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/03/1990
Gender : Male
Marital Status : Single
Residence : 15th of May

EDUCATION

: B. Sc. in Electrical Engineering, Helwan University, 2012
: Secondary Education: Ahmed Zewail Experimental Language School, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: PLC Programming (Siemens, Schneider and LG)
: SCADA System
: AutoCAD
: MS Visio
: Primavera

TRAINING COURSES AND CERTIFICATIONS

: Studying Project Management at American University in Cairo (AUC):

- Studying at program PRMG one of Professional programs at Engineering and Science Service organization at AUC.
- Finished Courses:
 - Project Management Planning Techniques.
 - Resources Management.
 - Project Budgeting and Financial Control.

: Workshops trainings about product innovation, Entrepreneurs' Society, Student activity at AUC.

: ICDL (Windows, Word, Excel, Access, Power Point, Internet).

- : Trainings at:
 - Oil & Gas Skills and The Northern Albert Institute of Technology (NAIT):
 - AC/DC Generators Sessions.
 - AC/DC Motors Sessions.
 - NATA Company:
 - PLC Session.
 - Earthing Systems Session.
 - SCADA System Session.
 - Site visit.
 - SIEMENS:
 - PLC and Electric Drives Session.
 - HMI Session.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2015 till now
Employer : Middle East for Water and Waste Water Company

Dates : From Jan. 2013 till Jul. 2015
Employer : Apecs Automation Company
Job title : Automation Engineer

Job Description :

- El Santa Water Treatment Plant:
 - Schneider's Twido, Premium HSB PLC's, Magelis HMI's, Scada with Movicon software are used for the automation of this plant.
 - Site panels and sensors installation and cabling and PLC Programs for the main control panel and all the RTU's developed.
 - Programming of the Level, Flow, and Pressure Sensors is developed.
- Shebin El Kom New Water Treatment Plant:
 - Following up the operation of Beckhoff Plc's Programs and the Movicon Scada System.
- Ashmon Water Treatment Plant:
 - LG Master-K 120 s PLC's are used to automate of this plant.
 - Site panels and sensors installation and cabling and PLC Programs for the main control panel and all the RTU's filtration building and Level sensors are developed.
- Starch and Glucose Factory:
 - Programming, supervising the design and assembly of the control panel that controls the two compact water treatment filters.
 - The Panel controls 13 electric motorized valves and operation of two feeding pumps and an air blower.
 - Siemens S7-313C used to program this control panel.
- Coca-Cola Factory (Nasr City) Reverse Osmosis Water Treatment Plant:
 - Siemens S7-300 and S7-200 and MP 277 10" HMI are used to automate this plant using MPI communication protocol between PLC's.
 - The plant consists of 5 control panels.
 - SIRIUS Soft Starters and Contactors used for starting the pumps.
 - Site panels and sensors installation and cabling and PLC Programs for the main control panel and all the RTU's of the system are developed.

- Coca-Cola Factory (Sadat City) Reverse Osmosis Water Treatment Plant:
 - Siemens S7-300 and KTP 1000 10" HMI are used to automate this plant.
 - Schneider Starters and Contactors used for starting the pumps.
 - Site panels and sensors installation and cabling and PLC Programs for the main control panel of the system are developed.

Further experiences :

Tendering:

- Dashlout Pumping Station Electromechanical works.
- Ezbet-Elbasel Pumping Station Electromechanical works.
- El-Dowydya Pumping Station Electromechanical works.
- Western Desert Operation Petroleum Company (WEPCO) El-Hamra Port Waste Water treatment Station Electromechanical works.