

Holds a B. Sc. in Electrical Power & Machines Engineering and an Automatic Control Systems Diploma. Has over 6 years hands-on experience, including 5 years working in BMS and automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/08/1989
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Higher Institute of Engineering, El-Shorouk Academy, El-Shorouk City, 2011
- : Automatic Control Systems Diploma, Cairo University, 2014
- : El-Tabary Roxy Secondary School

LANGUAGES

Arabic : Native Language
English : Excellent
French : Basics

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, etc.), Internet
- : SAUTER NOVAPRO OPEN (SCADA)
- : SAUTER NOVAPRO 32 (SCADA and Programming)
- : AUTOCAD 2D
- : SAUTER Case Suite (Programming)
- : Alerton (Programming)

TRAINING COURSES AND CERTIFICATIONS

- : Six Sigma at Pfizer Egypt.
- : ISO training.
- : Internal Audit.
- : MINI MBA at NGC Center.
- : Project Management Professional (PMP) at NGC Center.
- : Advanced Microcontroller level 1 at Jelecom.

- : Advanced Microcontroller level 2 at Jelecom.
- : Electric power control circuit from Technology Competency Center.
- : English (Ministry of Defense Language Institute "MODLI"), Finished all levels.
- : General English Program (Vision Academy) level 202.
- : ICDL (International Computer Driving License).
- : PLC S7 300 at Science and Technology Center of Excellence (studied: hardware configuration, error and trouble shooting, programming language communication (PLC to PC , PLC to PLCs and PLC to HMI) and some notes in HMI and micro master driver.
- : Trainings at:
 - EGEMAC Cooperation (2010):
 - Follow up the manufacturing of SIEMENS and AREFA products.
 - Using and testing distribution, substation panels and Protection Relay.
 - Using Instrumental transformer, Switchgear, Circuit Breakers, Disconnectors and cast resin insulators.
 - Cairo Oil Refining Company (2010):
 - Follow-up oil refining process and how to control it.
 - Electro Cable Egypt (2010):
 - Follow up cable manufacturing step by step (for medium and high voltage).
 - Petrojet Company (Equipment branch) (2010):
 - Trained on maintenance of motors, generators, and winding motors.
 - Maintenance of advanced circuits of heavy equipment.
 - Maintenance of different types of welding machines.
 - Toyota Egypt (El Abasya branch) (2009):
 - Maintenance of cars and electrical system of it.
 - Petrojet Company (Central workshops branch) (2009):
 - Trained on recognition of the principles of planning and project management.
 - How to limit the tasks required for the project and follow-up.
 - Trained on control panels and implementation of electric circuits.
 - Identify the basic principles of the hardware and control.
 - Training on PLC.
 - Petrojet Company (Equipment branch) (2008):
 - Trained on safety programs in the cooperation.
 - Test and use electric components using measurements tools.
 - Training on heavy equipment and their circuits and their malfunctions.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2016 till now
- Employer** : Pfizer Egypt
- Job title** : Utilities Engineer
- Job Description** : Working in Utilities maintenance of the following:
- All electrical systems in the site, HVAC systems, Automation systems (BMS, control, ...), Water plant, Boilers, Air compressors and Generators.

- Handling deviations related to Utilities equipment.
- Handling change control and validation for Utilities equipment.
- Comply with EHS and GMP guidelines.
- Estimate budget for electrical equipment.
- Provide management to Utilities team and support on floor presence.
- Develop operational procedures.
- Support the site after working hours or in weekends.
- Support systems data integrity.

Dates : From Sep. 2015 till Feb. 2016

Employer : GIF Inc., Honeywell Alerton

Projects :

- New Giza University
- Nerhadu International

Job title : Senior Automation Engineer

Job Description :

- Working in Control and BMS Systems for Different Sites and Environments.
- Design, Implement, Install and Maintain BMS systems, Specifically honeywell System (alerton) for:
 - Heating, ventilation and air-conditioning (HVAC) ranging from simple HVAC standard solutions to complex ones.
 - SCADA system using Alerton software for controlling and monitoring the individual components of the building and room automation.
 - Programming (FBD programming of PLC, DDC), (HMI, SCADA and DCS) Systems.
- Interface with Communication data protocol (LON-Modbus-OPC - Bacnet).
- Programming HMI screens (carel).

Dates : From Dec. 2012 till Sep. 2015

Employer : COMATROL Co., Sauter Switzerland

Projects : As Automation Engineer:

- Orchidia Pharma (Cairo)
- Amoun Pharma (Cairo)
- Dandy Mall (Cairo)
- ECG building in Smart Village
- Shibin El Kom Hospital
- Global Pharma (GPI) (Cairo)
- Valeo in Smart Village
- Masr University or Science and Technology (MUST) (Cairo)
- TUB El Gouna (Gouna)
- Nile Sat Building (Cairo)
- Al Azhar Head Office (Cairo)
- Life Pharma (Dubai)
- Egypt Information Center (6 of October)

As BMS Maintenance Engineer:

- CIB (Smart Village)
- Arabic Bank in Smart Village
- Te data (Smart Village)
- 2401 Building in Smart Village

- Novartis Pharma (Cairo)
- Pfizer Pharma (Cairo)
- Server Pharma (6 of October)
- Cairo Bank (Cairo)
- Ahly Bank (Cairo)
- Mobinil (Cairo)
- Cardiology Institute (Cairo)
- Emethanex (Damietta)
- Hyper One (Cairo)
- Hilton Luxor
- Hurghada Airport
- Cairo Airport
- CIB Bank (Smart Village)
- Air Forces Hospital (Cairo)
- Le Meridian (Cairo Airport)

Job title : Senior Automation Engineer

Job Description : Working in Control and BMS Systems for different Sites and Environments.

- Design, Implement, Install and Maintain BMS systems, specifically SAUTER Systems for:
 - Heating, ventilation and air-conditioning (HVAC) ranging from simple HVAC standard solutions to complex ones.
 - Room climate automation to lower a building's energy consumption and operating costs while simultaneously increasing user comfort.
 - Room climate in clean rooms in the pharmaceutical industry for controlling room conditions such as temperature, humidity and room pressure.
 - SCADA system using SAUTER novaPro Open software for controlling and monitoring the individual components of the building and room automation.
 - Programming (FBD programming of PLC, DDC), (HMI, SCADA and DCS) Systems.
- Supervising junior engineers and the site work.
- Representing my company "COMATROL" in meetings with Clients and contractors.
- Making sites survey.
- Interface With Communication data protocol (LON - Modbus - OPC - Bacnet).

Dates : From Aug. 2012 till Dec. 2012

Employer : HEDO Group

Job title : Sales Engineer

Job Description : Sales of welding wires and instruments.

Dates : From Apr. 2012 till Aug. 2012

Employer : New Alfa Tex at Oubor City

Job title : Electrical Engineer

Job Description : Responsible of production and maintenance.

Dates : From Aug. 2011 till Jan. 2012
Employer : EgyTech at Oubor City
Job title : Control Engineer
Job Description : Worked in control and CNC machines.