

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 4 years hands-on experience working in automation field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 29/08/1989  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2011  
: Secondary Education: Tarek Ebn Zead' Language School, 2006

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D

## TRAINING COURSES AND CERTIFICATIONS

: Project Management Professional (PMP): Applying knowledge, skills, tools and techniques to project activities to meet the project requirements.  
: H-S81 Industrial F&G Panel - HWHS81 at Honeywell (DUBAI).  
: Automation Diploma approved by the Engineering Syndicate including Classic control, PLC1 & PLC2 at SGEN Training Center.  
: Distribution Course including complete design of Electrical Work for projects at AVIT (Aviation Information Technology Center) includes Load balance table, Cable sizing, short circuit analysis, selecting the circuit breaker & Single line diagram.  
: Control/ PLC (Programmable logic controller) (Siemens 300): Learned about automation of electromechanical processes, such as control of machinery on factory assembly lines, light fixtures...etc.  
: English courses at the British Council (Upper-intermediate level).

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2015 till now
- Employer** : Target Engineering
- Projects** :
- JOTUN Manufacturer (Ismailia), Performed the following activities:
    - Designing and implementing a new control panel.
    - Modifying the SCADA (IFIX) for the new extension according to the P&ID.
    - Modifying the PLC Programming for the new extension according to the control narrative.
    - Site Commissioning, Start-up and Site Acceptance Test (SAT).
  - MIDOR (MIDDLE EAST OIL REFINERY), Performed the following activities:
    - Modified the SCADA System (CIMPLICITY).
    - Performed Factory Acceptance Test (FAT).
    - Installed control panels and junctions boxes on site.
    - Commissioning and start-up activities, Cold and hot loop check signals.
    - Performed site acceptance test (SAT).
    - Complete Engineering Documentation (As built wiring, Loop diagram, System Architecture, General arrangement, junction box wiring).
  - GUPCO, Upgrading Fire & Gas Detection System of Gas Plant U-104 Process Area:
    - Designing and implementing a fire control panel.
    - Installed the panel on site and terminated the incoming cables form flames and gas detectors.
    - Programming the fire system software according to the required control narrative.
    - Performed pre-commissioning activities.
    - Site Commissioning, Start-up and Site Acceptance Test (SAT).
  - STEP, Strategic Tunnel Enhancement Program Abu Dhabi, UAE:
    - Implementing the SCADA & HMI (CIMPLICITY & Quick Panel) for all the packages of the project.
    - Implementing the PLC Program for two packages (Ventilation & Chiller).
  - Port Said Power Plant, DCS & SCADA Modbus communication system installing and programming:
    - Implementing and programming MODBUS communication between different packages and the DCS.
    - Adding these communication packages to the SCADA system to monitor and control the whole plant from the control room.
  - HURGHADA & SHARM EL-SHEIKH Power Plants, Fire & Gas system detection modification:
    - Installed flame detectors, Manual call points, Smoke detectors, Sirens.
    - Modified the installed panel wiring and connections to the new detectors.
    - Performed Cable routing and conduits installation.
    - Modified the program on the main control panel.
    - Performed Commissioning and start-up activities.
- Job title** : Project Engineer

**Job Description** : • Managing project activities from initiating process, Planning, Executing, Monitoring and controlling, Closing.  
• Completing the project life cycle activities through the following activities:  
- Control Panels Design and Building.  
- Developing programming for PLC, DCS and SCADA.  
- Developing and installing communications between different PLC packages via MODBUS.  
- Installing, Programming and commissioning for Fire Detection Systems.  
- Performing factory acceptance test (FAT), Commissioning and site acceptance test (SAT) activities.  
- Completing Documentation process.

**Dates** : From May 2014 till Apr. 2015

**Employer** : AMSOL Automation Solution

**Job title** : Service Engineer

**Job Description** : • Performing configuration and technical support for Allen Bradley PLC & Software (RSLOGIX 5000, RSLOGIX 500, Factory talk, RSVIEW32 & Panel Builder).  
• Performing integration, set-up, testing and troubleshooting of automation systems.  
• Providing full technical support whether online, onsite or by phone.  
• Ensuring that systems and processes operate effectively, efficiently and safely.

**Dates** : From Mar. 2013 till Apr. 2014

**Employer** : UMR EMECO LTD. Company

**Job title** : Proposal Engineer

**Job Description** : • Managing the preparation proposals for a range of be spoke products by coordinating the activities of the company sales and Engineering team.  
• Reviewing and managing the customer enquiry process in to a costing workable solution.  
• Interfacing with major national and international customers.  
• Interpret and respond to complex technical specification and documentation.  
• Coordinating all aspect of the bid preparation process.