

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 5 years hands-on experience, mainly working as I&C Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/10/1987
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: EAGLE Software for circuit design
: Microcontrollers programming using C and assembly

TRAINING COURSES AND CERTIFICATIONS

: Industrial Measurement Systems.
: Electrical and Electronic Power circuits.
: Real time control systems.
: Applications of Industrial electronics.
: Industrial electronics.
: Electrical and electronic measurements.
: Control Engineering.
: Industrial Control Systems (SCADA, DCS, Robot, CNC).
: Programmable logic controllers (PLCs) (Siemens, Schneider, vipa "NANO – MICRO – ZELIO" Fatek, IG...).
: Micro Controllers (Microchip PIC Microcontrollers families).
: Electrical Power and Machines.

- : Electrical Engineering.
- : Hydraulic and pneumatic systems.
- : Biomedical engineer.
- : VHDL.
- : MATLAB.
- : LABVIEW.
- : Training at West Delta Electricity Company.
- : Technical course in microcontroller in IGT Training Center (certified).
- : Technical course in Analog & Digital Electronics in IGT Training Center (certified).
- : Technical course in PLC (Siemens) in ITC Training Center (certified).
- : Technical course in PLC win cc (Siemens) in ITC Training Center (certified).
- : Technical course in Maintenance and Computer assembling in Faculty Training Center (certified).

CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : Aluminium Sulphate Co. of Egypt
- Job title** : I&C Engineer
- Job Description** :
- Can make preventive and predictive maintenance plans.
 - Dealt with Control system for natural gas (tightness control, safety temperature limiter controller, valve drive, air to gas ratio control, gas solenoid valve and pressure sensor).
 - Dealt with belt feeder control system contains on (controller, load cell, encoder, inverters).
 - Dealt with recorder system.
 - Dealt with system for crushers and clust Filter.
 - Dealt with Control system for compressors and weight system.
 - Dealt with cameras system.
 - Dealt with pressure transmitters, pressure switch, pressure gauges and pressure controller.
 - Dealt with instrumentation measurement pressure.
 - Dealt with flow transmitters, flow switch, flow gauges and flow controller.
 - Dealt with instrumentation measurement water flowmeter, air flowmeter and acids flowmeter (magnetic flowmeter and vortex flowmeter).
 - Dealt with level transmitters, level switch, level gauges and level controller.
 - Dealt with instrumentation measurement level (IQ RADAR 160, MICROPILLOT FMR52, ULTRASONIC THICKNESS GAGE and Differential pressure).
 - Dealt with temperature transmitters, temperature switch, temperature gauges and temperature controller.
 - Dealt with instrumentation measurement temperature (RTD PT100, Thermocouple type K).
 - Can be troubleshooting and Calibration Electro pneumatic Valve.
 - Dealt with Digital indicator and controller.
 - Dealt and Troubleshooting with PLC Siemens and Schneider.
 - Dealt with PID Process controller.
 - Dealt with electronic counters and timer.

- Upgrade the production line.
- Electronic board troubleshooting.
- Dealt and troubleshooting with automatic control panel.
- Dealt and troubleshooting with classic control panel.
- Upgrade control and protection for boiler steam.
- Dealt with sensor proximity.
- Dealt with motors.
- Dealt with pneumatic systems.

Dates : 6 months
Employer : Wael Tex Factory
Job title : Maintenance Engineer

Employer : Allgaeuvet Factory
Job title : Maintenance Engineer

Field of experience :

- Read catalogs the control board.
- Familiar with PLC programming and microcontroller.
- Practical application: dc motor speed & position control & Level control & temperature control.
- Familiar with microcontroller of microchip (PIC 16F877A, PIC 16F84A).
- Ability to understand any other type of MCU.
- Familiar with PLC of (Schneider "nano PLC, zelio smart relay", LG, Siemens, micro PLC) and PLC of fatek and the ability to understanding any other type of PLC's.