Holds a B. Sc. in Computer & Automatic Control Engineering and has about 2 years hands-on experience working in I&C / Automation field.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	29/11/1987
Gender	:	Male
Marital Status	:	Married

EDUCATION

- : B. Sc. in Computer & Automatic Control Engineering, Tanta University, 2015
- : El-Wrdian School - Advanced Technical Diploma (5 years System) - Computer and Automatic Control department, 2008

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : LUA – Zelio – Simatic STEP7 – LINUX System – Arduino – Flowcode – Proteus – Corel Draw – HTML

TRAINING COURSES AND CERTIFICATIONS

- : Attended one month Skill Development Training Program on "Instrumentation Maintenance & Control Systems", at Petroleum Pipelines Company (Jul./Aug. 2017).
- : Attended two months Classic control & PLC Training Program on "Egyptian Center for engineering training" (from Oct. till Dec. 2017).
- : Attended three months Soft Skills Training at Alexandria University (from Aug. till Oct. 2013):
  - Able to Listen.
  - Accept Feedback.
  - Business Trend Awareness.
  - Communication skills.
  - Customer Service.
  - Deal with Difficult Situations.
  - Desire to Learn.

- Writing Reports.
- Emotion Management.
- Follow Rules.
- High Energy.
- Leadership.
- Make Deadlines.
- Negotiation.
- Problem Solving.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Jan. 2016 till Nov. 2017
Employer	:	Petrok Oil and Gas Servicing Company
Projects	:	• RFID Clone/Reprogramming: Copies RFID key and re-programmed without the using of computer

- RFID Clone/Reprogramming: Copies RFID key and re-programmed without the using of computer
- Diagnose diseases device: medical device that detects the disease
- Smart Home projects: Wi-Fi Lamp – Gas alarm – others
- DVR Firmware Developer
- Classic Control projects
- Using of inverter to controlling motor speed
- Industrial Monitoring System using PLC
- Microcontroller Based Protection for Low Voltage Motors using Wi-Fi Technology
- Home Automation using AVR
- Boiler Temperature Level Measurement and Control System
- Some researches related to the protection of oil pipelines
- Optimization and Automation of Water Cooling system using PLC

Job title : Instrument & Automatic Control Engineer

Job Description :

- Leading a team of four instrument technicians.
- Planning required upgradation for instruments to achieve production quality and cost minimizing.
- Development and Modifying ATS panels.
- Maintenance and calibration of pneumatic control valves.
- Maintenance and calibration of different analyzers: Conductivity, Chlorine, PH, SDI, Redox, Turbidity, TDS (Endress and Hauser) and IMA/FL200 Oil in water.
- Calibrating and adjusting the dosing pumps.
- Ensure Spares balance and inventory control for all instruments' spare parts.
- Installation and calibration of the control sensors e.g. Photoelectric sensors, Proximity Sensors, Power Sensors, Temperature Sensors, Pressure Sensors.
- Classic control projects.
- Installation of new PLC based boiler pressure monitoring and controlling system.

Achievements:
- Doing automated instrument calibration that helps save time and money.
- Reduce maintenance costs through automated instrument calibration.

Field of experience :

- Competent Electrical (Instrument & Automatic Control) Engineer with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability.
- A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover.
- Having a comprehensive understanding of electrical health and safety regulations.
- About two years of experience as an Instrumentation and Control Systems Engineer in detailed maintenance, commissioning and development coordination of instruments and control systems in Gas projects.
- Configuring and faults diagnosis of DCS, PLC, SCADA, RTU, Profibus Communication, Analyzers and Control Loops.
- Installation, calibration and loop checking of the field instruments.
- Maintenance and calibration of the control valves.
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Preparing data sheets, schedules of controllers and ensuring safe and efficient performing of Controller system.
- Good knowledge in Microcontrollers and Electronic circuits.
- Some researches related to the protection of oil pipelines.
- Electrical residential wiring design.
- Programming language (Arduino, Flowcode, ladder diagram and MikroC).