

Holds a B. Sc. in Industrial Electronics & Automation Control and has over 2 years experience in construction, design and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/01/1988  
Marital Status : Single

## EDUCATION

: B. Sc. in Industrial Electronics & Automation Control, Menoufia University, 2009

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Engineering Software: AUTOCAD 2007, PROTEUS "electronic circuit design, analysis and test", EAGLE "PCB design"  
: PLC programs: FATEK PLC "WinProladder", Schneider Smart Relay "ZelioSoft 2"

## TRAINING COURSES AND CERTIFICATIONS

: Educational Courses:

- PLC (Schneider & FATEK)
- Smart relay "ZELIO" (Schneider)
- Microcontroller (PIC)
- Power Electronics and Measuring Instruments
- SCADA "InTouch" & DCS systems
- Robotics (Robotic Control System)

: Trainings at:

- EZZ for Iron & Steel
- Cleopatra Ceramics in Suez
- Spinning & Weaving Factory (Shebin Elkoom)
- TOSHIBA ALARABY Factory

: Courses:

- Automation Control Systems (hydraulic, pneumatic systems & PLC Bosch), Ministry of Military Production, Dec. 2009

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2011 till now
- Employer** : ICEES (International Company for Electrical and Electronic Systems):  
ICEES undertakes the execution of general Electro-Mechanical works related to the water and waste water field, Fire Alarm Systems
- Job title** : Electrical Executive Engineer
- Job Description** : Projects:
- Rehabilitation works in 6th of October Waste Water Treatment Plant (100,000 m3/day):
    - Design and execute the power and control wiring of grit and grease removal bridge & sand submersible pumps and join them all to MIMIC.
    - Design and execute the power and control wiring of two segmentation tanks Drivers and join them to MIMIC.
    - Design and execute the power and control wiring of two screw pumps (75KW) and two sludge pumps (30KW) and join them to MIMIC.
    - Design and execute the power and control wiring of two aeration tanks containing 20 surface aerators (55KW each) and join them to MIMIC.
    - Design and execute the power and control wiring of two motorized penstocks (AUMA) and join to MIMIC.
    - Installing different types of instrumentations (Open Channel Flow meter, pH Indicator, Dissolved Oxygen meter, Turbidity meter, Ultrasonic Level Transmitter and Electromagnetic Flow meter) Endress and Hauser – Siemens.
  - Water Treatment Station of Military Factory 200:
    - Installing two 315KW Vertical Pumps at the Raw Water intake of the station using soft starters “Schneider”.
  - Battery Works:
    - Installing five groups of Ni-Cd batteries (Alcad) with different capacities at Elgabal Elasar Waste Water Treatment Station.
  - Fire Alarm:
    - Installing fire alarming extension system at Egyptian Opera House.
    - Maintenance of fire alarming systems in the Egyptian House, Niaza Co. Store.
  - Rehabilitation of LV MDB and 2 power factor correction PB:
    - Design and assemble LV MDB for redundant power supply based on two Transformers and consists of 3 ACBs 2KA.
    - Design and assemble 2 power factor correction PBs each 400KV AR.
- Dates** : From Dec. 2009 till Jan. 2011
- Employer** : FOURTEX Company for Spinning & Weaving at Sadat City
- Job title** : Electrical Maintenance Engineer
- Job Description** : Responsible for electrical maintenance of weaving machines, Cleaners of type SOHLER LUMA, Hydration stations & checking cloth machines.

- Further experiences :** College Practical Activities:
- Robots Design and Programming.
  - Participation in the 8th Festival of Scientific Inventions for University Students (ROBOCON 2009).
  - Participation in Egyptian Engineer Day (EED 2009).
  - Programming PLCs & Microcontroller (PIC).
  - Sensors Design & Configuration (Photo Cell, Position, Speed & Temperature) Types.
  - DC & AC Motors Applications.