

Holds a B. Sc. in Mechatronics Engineering and has over 2 years hands-on experience working in repairing and maintenance of hydraulic and control system of armoured tanks during military service.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/09/1987
Gender : Male
Marital Status : Single
Residence : Ismailia

EDUCATION

- : B. Sc. in Mechatronics Engineering, The Higher Technological Institute - 10th of Ramadan City (HTI), 2010
- : Currently enrolled in Masters of Science in Systems Automation, Helwan University (expected 2017)
- : Secondary Education: El-Manar Language School, 2005

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : National Instrument (Apr. 2015): Certified Labview Associate Developer.
- : Eurosunmed 2nd International School, Egypt (Mar. 2015): International School on photovoltaic, concentrated solar power, storage and grid integration.
- : Eurosunmed_WP4: Advanced CSP Training (CENER) (Dec. 2014): General view of CSP technologies, with focus on central receiver systems (tower) and training on solar radiation simulating and modeling software.
- : STSmed small scale thermal solar district units for Mediterranean communities Training program "Concentrating Solar Multi-Generation Plants" (Aug./Sep. 2014), Venue: Heliopolis University.
- : 1st Regional Workshop, Small Scale Solar Units for Mediterranean Communities (Nov. 2013), Venue: SEKEM GROUP, El Kateeba, El-Bar El Sharky, Belbeis, Sharkeyah, Egypt. A European solar energy project aimed at providing electricity, drinkable water, cooling and industrial

applications for local scale, public facilities and businesses in the Mediterranean area:

- Public awareness raising.
 - Sensitization of stakeholders and decision makers.
 - Dissemination of the CS technologies importance and their role in the energy mix particularly related to public buildings.
- : Siemens SCADA system (win CC), Jelecom Training Center (Jan. 2011):
- Introduction to the control server and the difference between the DCS and SCADA.
 - The communication between the control server and the PLC.
 - Graphic designer.
 - Tags and Tag logging.
 - Alarm logging system.
 - Trends and tables.
- : Advanced PLC course Siemens step 7-200, Jelecom Training Center (Sep./Oct. 2010):
- The classical control.
 - The input and output communication with PLC.
 - Programming the PLC with ladder language using micro win software for different applications.
- : Summer trainings at:
- Top Group (from May till Jul. 2010):
 - Basics of factory automation products.
 - Using inverter (AC drive) to control AC motors.
 - Training on temperature controller.
 - E.on Ruhrgas (Germany) (Aug. 2009):
 - Sensitivity analysis concerning the minimum efficiency of a micro CHP plant to meet the legal requirements.
 - Evaluation and listing of fuel cells and test results under a partner project with a Canadian fuel cell manufacturer.
 - Assistance in the company's laboratory with a micro CHP appliance test.
 - Industrial System Co. (from May till Jul. 2009):
 - The method in conventional control and how to design a control Circuit.
 - Automatic control using PLC units (programming and wiring).
 - Introduction in control using SCADA system and Touch Screen.
 - Advanced Electronic Center (AEC) (from May till Jul. 2008):
 - Introduction on PLC.
 - Proximity sensors and the principle of its operation.
 - Introduction on the classic control.
 - Working on automating a rolling machine for aluminium sheets.
 - ABB Co-operation (from May till Jul. 2007):
 - Training on plastic injection moulding machines.
 - Overview on NC nibbling and shearing machines.
 - Training on the manufacturing process of the fuse ceramic body.
 - Lecture on safety.
 - Higher Technological Institute (HTI) (from May till Jul. 2006): ICDL course, Workshop.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2014 till now
Employer : Higher Technological Institute (HTI), 10th of Ramadan City
Job title : Teacher Assistant
Job Description : Instructor in Mechatronics Department, giving lectures in electronic laboratory, control systems, Matlab, LabView, C++ and Micro C.
- Dates** : From Oct. 2011 till Apr. 2014
Employer : Egyptian Armed Forces
Project : Military Service
Job title : Technical Affairs Platoon Leader
Job Description : Specialised in repairing and maintenance of hydraulic and control system of armoured tanks.
- Dates** : From Sep. 2010 till Aug. 2011
Employer : Higher Technological Institute (HTI)
Job title : Teacher Assistant
Job Description : Instructor for University's students in Mechatronics Department.