

Holds a B. Sc. in Electrical Engineering (Communication Section) and is looking to gain experience in his field of education.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/10/1994
Gender : Male
Marital Status : Single
Residence : Damanhour

EDUCATION

: B. Sc. in Electrical Engineering (Communication Section), 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linux
: Matlab
: C++
: SIMATIC Step7
: WPLSoft

TRAINING COURSES AND CERTIFICATIONS

: Classic control with Engineer Ibrahim Emad (thermal overload - contactor - push button - three phase induction motor - motor start stop circuit - Zelio software simulation - motor reverse direction circuit - relay - timer - limit switch - star delta control circuits- star delta power circuits - circuit breaker - ATS circuit).
: PLC (introduction – PLC programming – wplsoft program – Full PLC project – HMI programming).
: SCADA system.
: DCS system.
: AMIDEAST (English Course).
: ICDL Certification.

- : Training at GASCO Egyptian Natural Gas Company at El Amreya, Alexandria, as I&C Engineer (Jul. 2017):
 - Room control (PLC (Programmable Logical Control) - DCS).
 - Calibration, Installation, Instrumentation piping of all Field Instruments such as Gauges, Thermocouples, RTD's, Flow meters, Solenoids, Transmitters, Fire detectors, Flame detectors, Vibration and speed sensors, Switches etc. and Controllers.
 - Pre-Commissioning Activities like Loop Check, Leakage Tests and Circuit Breakers with the Control System.
 - Monitor, troubleshoot & maintenance the valves.
 - Project Documentation reports & preparation of As-Built drawings.
 - Fire fighting system.
 - Fire alarm system.
- : Training at Middle Delta Electricity Production Company (WDEPC), New Mahmoudia Power Plant with total capacity 336MW (168x2MW) as I&C Maintenance Engineer (Jul. 2015):
 - Lube oil system.
 - Hydraulic oil system.
 - Closed cooling system.
 - Vibration monitoring system.
 - Fire fighting system.
 - Fire alarm system.
 - Fuel gas system.
 - Fuel oil system.
 - Gas detection system.
 - Air compressors.
- : Training at NARSS (National Authority for Remote Sensing and Space Science) as Electronics Engineer (Jul./Aug. 2017):
 - Satellite and its function and its orbits.
 - The cubeSat and its missions and its subsystems.
 - Communications subsystem.
 - ADCS (Attitude and Determination Control System) subsystem.
 - Payload subsystem.
 - OBC HW and SW.
 - SW testing for OBC HW.
 - Satellite bus (TM-CS-ADCS-PS-TS).

Graduation Project:

The first Egyptian CubeSat satellite sponsored by NARSS (National Authority for Remote Sensing and Space Science), responsible of OBC part which considered the brain of the CubeSat.