

Holds a B. Sc. in Electrical Power & Machines Engineering and is looking to gain experience in his field of education.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/04/1995
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2018

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project, MS Visio
: Dialux Lighting distribution software, AUTOCAD, Ecodial
: REVIT MEP basics
: ETAP software (load flow, short circuits studies, design of grounding system, relays co-ordinations using Star module)
: PVSYST and PVSOL Software for Solar system design
: Web design programming

TRAINING COURSES AND CERTIFICATIONS

: UTW-9 Program (Scholarship - ranked 10th) at Engineering Consultants Group (ECG) (from Jun. till Sep. 2017):

- Technical Sessions: Electrical distribution professional.
- Site visits: Schneider head office, 3-Brothers Factory, BE-EATON, Fagerhult.
- Mid project: Designing all electrical works for Umm al-Qura University building.
- Graduation project: Designing all electrical works for Universal managerial building.

- : Advanced Energy Systems (ADES) for Petroleum Services (Internship program) (Jul. 2017): In Maintenance Department, The Drilling operation, Preventative maintenance Documents Life cycle and Rig maintenance flow chart.
- : Invensys acquired by Schneider Electric (Internship program) (Aug. 2017): Training on Invensys product in industry control, TRICONEX (PLC) & FOXBORO (DCS).
- : ABB Egypt "Orientation Program" (Sep. 2016): Attending Technical sessions at ABB headquarter and factory tours as well, concerning by low and medium voltages products proposals.
- : ELSEWEDY ELECTRIC T&D (Summer Training) (Aug. 2016): Introduction to substation, single line diagram and site components for protection, Introduction to Project Management and planning, Soft skills, Interviewing and Presentation skills.
- : SCADA Innovations "Training Program" (Jul. 2016): Introduction to SCADA and control systems.
- : National Energy Control Center (NECC) (Aug. 2015): Classic control training sessions.
- : PMP (Project Management Professional) Online certified courses (Udemy and Coursera).
- : Power stations technical tours for different types of power stations:
 - North Cairo Thermal Power Station.
 - El-Zafarana Wind Power Station.
 - El-Kureimat Solar Power Station.
- : On Graduation Project Training (from Feb. till May 2018): El Sewedy Power System Projects (PSP) Company provides the project team with a twenty Technical session program along three months including Substation Layout, and configurations. Sessions provide part of the design procedure and all technicalities that guide the design steps, and also Elsewedy electric engineers supervise the team work and enhance the practical solutions with the tasks revision and provide support through helpful Software like (ETAP, E3 and AutoCAD).
- : On job training (from Dec. 2017 till Jun. 2018): Under supervision of ElSewedy Electric T&D, the project is a design of protection single line diagram, relays and metering schemes, and CT & VT verifications (Secondary work) for indoor AIS Substation 66/22KV, with 2 x 40MVA Transformers. The design includes design of grounding system according to general layout for substation. The project is discussed and reviewed under supervision of ElSewedy secondary engineers.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2015 till Sep. 2017 (during education)
- Job Description** : SEO & Digital Marketing Specialist at Techno Academy.
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- Dates** : From Jun. 2014 till Oct. 2014 (during education)
- Job Description** : Supervise of electrical engineering activity at EMEC Company (Electromechanical for engineering consults).

Graduation Project:

Petroleum Company Power Station Design:

- The project power demand 25MW is supplied from its Generation station. The company power house is composed of 8 Gas turbines. The Gas turbine Generators (each 5MW) operates in parallel at 3.3KV bus to supply the normal and peak loads at different voltage levels (3.3, 22, 0.4KV), with two generators provided as standby.
- A Photovoltaic power station for the field load is reasonable. Inverters, Batteries and the proper PV System Design.