

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 2 years hands-on experience working mainly in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/06/1994
Gender : Female
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, 2018
: Secondary Education: Ahmed Zewail Exprimental Language School

LANGUAGES

Arabic : Native Language
English : Fluent
French : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Dialux
: ETAP
: E3
: Revit MEP
: Arduino
: Prezi
: Matlab
: Simulink
: PSIM

TRAINING COURSES AND CERTIFICATIONS

: Revit MEP in Cad Masters (35 Hours) (Certified by Autodesk) (from Mar. till May 2019).
: Low Current Course (Telephone System, TV System, Fire Alarm, CCTV, Sound System) (Online Course) (Feb. 2019).

- : Electrical Protection System Course (Relays, CBs, Short Circuit Studies, Coordination and Interlock) (Online Course) (Dec. 2018).
- : Etap Course (Load flow analysis, Short Circuit, Grounding System Design, Relay Coordination) (Online Course) (Mar. 2018).
- : Online Courses for Schneider Electric (My Energy University) (Certified) (Aug. 2017).
- : Classic Control & PLC:
 - Main Components of classic control circuits for (Direct online motor starting, Mixer motor system include filling pumps, Sand conveyors system and elevator, Reverse Direction for AC motors, Speed control system).
 - Create Ladder program for all mentioned systems and other systems using EKTS.
- : Arduino Course (Certified).
- : Summer training at El-Sewedy Electric T&D (from Oct. 2017 till Jul. 2018) - On Project training (66/22KV AIS Indoor Substation Design – 2x400MVA):
 - Detailed Single line Diagram.
 - Relay and Metering SLD.
 - CT & VT Verification.
 - Site visit at DAMAK 1.
 - Interlock logic diagram.
 - Substation Layout.
- : Summer training at El-Sewedy Electric PSP (from Feb. till Jul. 2018) - Technical support for Graduation Project:
 - Substation equipments (Primetech Program).
 - Duct Bank Calculation.
 - Grounding Systems.
 - Auxiliary & Power Transformer Sizing.
 - LCC schematic.
 - DC and AC UPS system.
 - Lightning Protection System.
 - Shunt Reactors.
 - GIS – Gas Insulated Switchgear.
 - Protection Schematics.
- : Summer training at Engineering Consultants Group ECG (from Jun. till Sep. 2017) - University to work round 9 (UTW9):
 - Technical Sessions: Load estimation, Lighting and power distribution, Cable routing, ...).
 - Mid project: Electrical distribution design for Umm al-Qura University.
 - Graduation project: Electrical distribution design for managerial building.
- : Training at The Arab Contractors Electromechanical Branch (Jul. 2016).
- : Training at El Metro Company (Sep. 2016).
- : Training at The Egyptian Railway Station (Aug. 2016).
- : Training at NTC Helwan (Aug. 2015).
- : Site visits:
 - Schneider Electric.
 - Fagerhult.
 - 3-Brothers.
 - BE-Eaton.
 - Zaafrana Power Station.

- El-Kureimat Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2019 till now
- Employer** : Jawda Engineering Consultant
- Projects** :
 - Modon Asfan 110/13.8KV S/S (Western Area)
 - As-Sarrar-2 115/33/13.8KV S/S (Eastern Area)
 - King Khalid Hospital-2 110/13.8 (Western Area)
 - King Faisal College 132/13.8KV S/S (Eastern Area)
 - Dammam Industrial City-3 115/33KV S/S (Eastern Area)
- Job title** : Secondary Design Engineer
- Job Description** :
 - Operational Single Line Diagram (SLD).
 - SLD with CT/VT Data.
 - Relay and Metering One Line Diagram.
 - CT/VT Sizing Calculations.
 - Interlock Logic Diagram.
 - Cable Schedule & Interface.
 - AC/DC single line diagram.
 - Auxiliary Transformer Sizing.
 - Battery and Charger Sizing.
 - AC/DC Cable Sizing.
 - SAS & SOE Point List.
- Dates** : From Sep. 2018 till Mar. 2019
- Employer** : A.A for Engineering & Trading Company
(agent for American Central Water Heaters & Swimming Pool Heaters)
- Job title** : After Sales Engineer