

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 : 10/02/1996
Gender : Male
Residence : Ismailia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Suez Canal University, 2019

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Three weeks internship organized by TIBA Solar Factory (Jul./Aug. 2019):
 - Design and Installation of Grid-tied, Standalone, Pumping, Water heaters and hybrid systems.
 - Using AutoCAD, Sketch up, PVsyst, PVsol, PV Watt, PVGIS and Excel.
- : Six weeks Course organized by The Right Way Consulting Co. (from Aug. till Oct. 2018):
 - Initial load estimation process of any site by EC, IEC and NEC.
 - Choosing and designing static and dynamic loads.
 - Calculations of Load schedule, voltage drop, short circuit and emergency generators.
 - Improving power quality by power factor correction process.
 - Different electrical components used for implementation at site.
 - Using AutoCAD software, Etap and Excel sheets.
- : Six weeks internship organized by Elsewedy Electric (Jul./Aug. 2018):
 - Having a good information about finance and supply chain.
 - Joined summer training in EGYPLAST FACTORY.

- Received training in PVC, Master Batch, Special Compound and Fiber Glass Poles Factories.
 - Learning how electrical maintenance is applied when facing problems.
 - Dealing with some measurement instruments for having best quality.
- : Three months Course organized by HA Consulting Group (from Jun. till Oct. 2017):
- Dealing with Siemens PLC S7-1200.
 - Learning programmable Languages used with PLC (LAD, FBD, ST).
 - Using AC Drives (VSD or VFD) to control all motors using different types.
 - Dealing with Siemens PLC S7-300.
 - Using Indusoft software for SCADA System & TIA Portal for HMI.
 - Working on Two Final Projects (Elevator & Color Mixer).
- : Two weeks internship organized by Green Valley for food process (Sep. 2017): Applying my Knowledge and Automation training course.
- : Three weeks internship organized by East Delta Electricity Production Co. (El-Shabab Combined Cycle Power Plant 1500MW) (Jul. 2017):
- Safety and industrial security.
 - Connections between plant and public networks (220, 66, 11KV).
 - Electrical generators, transformers, distributed control system (DCS), air cooled condenser (ACC), heat recovery steam generators (HRSG), steam turbine generators (STG) and other auxiliary units.
- : Four weeks internship organized by Salhia Investment Development Co. (Jan. 2017): Dealing with Control panels, Classic control, PLC S7-1200, 3 Phase induction motors, Transformers and Power factor modification.
- : A week Camp Training at Ismailia. The Camp is organized by Innov Egypt (TIEC) (Feb. 2017): Learned about the innovation and entrepreneurship.

Graduation Project:

Automation & Distribution Systems Design for Railway Station.

Skills:

- Excellent for dealing with any PV system either designing or installation.
- Excellent for Electrical low voltage Distribution design and installation.
- Very good at PLC Programming and Connections (SIEMENS - LS - Schneider).
- Design and Troubleshooting Classical control system.
- SCADA (InduSoft) and HMI Systems.
- Microcontroller (Arduino & AVR) Programming.