

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years hands-on experience working in construction, design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1989
Gender : Male
Marital Status : Single
Residence : Heliopolis, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2011
: Secondary Education: St. George School, 2006

LANGUAGES

Arabic : Native Language
English : Very Good
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: PLC, Automatic Control, C/C++ Programming Language
: MATLAB, Electronic Work Bench

TRAINING COURSES AND CERTIFICATIONS

: SOLEDA DIPLOMA: Solar Energy Systems Design Using Advanced Learning Aids (from Oct. 2015 till Jul. 2016): The SOLEDA project aims to develop a certified technical training program for graduates and technicians in the field of decentralized solar energy systems. The decentralized systems to be taught during the program will rely on using PV panels for producing small amounts of electricity for powering homes, for pumping water from wells and for desalinating water. Furthermore, 2 weeks of hands on Experience was held in Heriot-Watt University UK on Soldering PV Cells, Measuring I-V Curves, Spectral Response, Quantum Efficiency & Lamination of different PV Cells.
: Control course & PLC course (summer 2012).
: Training in ORASCOM, Cairo Festival City Site (summer 2010).

- : Training in PICO (Industrial Services Co.), Compressors Maintenance (summer 2009).
- : Seminar about "NEW DIRECTION IN AUTOMATION TECHNOLOGIES" (summer 2008).
- : International Sports Leadership Training (ISLT), St Mary El Golf Church, Cairo (Nov. 2007):
 - Learned about my personality, Influence, Teamwork, Communication Skills, Partnership, Integrity, Positive Attitude and Humility.
 - Learned how to form and lead a team and how to direct a meeting.
 - Learned about having a vision and converting it to achievable objectives and goals.
- : English: IELTS 6.0.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2017 till now
- Employer** : INFINITY SOLAR
- Job title** : Solar Power Plants Projects Engineer
- Job Description** :
- Perform assignments independently and according to the necessary instructions.
 - Prepare or modify electrical drawings, specifications, calculations, charts and graphs.
 - Plan, schedule, conduct and coordinate assigned work.
 - Attend and participate in meetings.
 - Participate in site visits to collect or deliver design and engineering data.

- Dates** : From Apr. 2013 till Nov. 2016
- Employer** : Starkon Energy
- Job title** : PV Electrical Engineer
- Job Description** :
- Perform assignments independently and according to the necessary instructions.
 - Conduct work that requires the evaluation, selection, application and adaptation of Electrical Engineering techniques, procedures and criteria.
 - Prepare or modify electrical drawings, specifications, calculations, charts and graphs.
 - Analyze reports, maps, drawings, tests and other data to plan and design work.
 - Assemble and review bids and make recommendations.
 - Ensure that engineering work is compliant with appropriate codes and accepted Engineering practices.
 - Plan, schedule, conduct and coordinate assigned work.
 - Assist in the selection of personnel for the various projects.
 - Ensure proper coordination and effective communication on projects.
 - Attend and participate in meetings.
 - Participate in site visits to collect or deliver design and engineering data.
 - Use engineering and design computer software to complete assigned work (e.g. ETAP, AutoCAD, ...etc.).
 - Use Solar Simulation Programs (Polysun, Bluesol, PVSol).
 - Install more than 100 KW Solar Off Grid systems using various number of PV Panels and Inverters.