

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 2 years hands-on experience working as Project Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 11/10/1990  
Gender : Male  
Marital Status : Single  
Residence : Helwan, Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2013  
: Abdel-Aziz Abdel-Karim Secondary School, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Programming: Matlab (simulation programming), C++

## **TRAINING COURSES AND CERTIFICATIONS**

: AutoCAD 2D (2015).  
: AutoCAD Electrical (2015).  
: Buildings Wiring (2015).  
: Low Voltage Circuits Design (2015).  
: Lighting Design (2015).  
: Office 2010 (Assiut University, 2013).  
: Electrical control (Assiut University, 2011).  
: Solar Energy Diploma.  
: Trainings at:

- Sohag Distribution Substation (3 weeks in 2010).
- Egyptian Aluminum Company (3 weeks in 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2016 till now
- Employer** : TAQA MISR Company
- Projects** :
  - Water heating system by Solar energy (Mars – Raya – Petrojet)
  - Solatube (Arab American Vehicles Co.)
  - Solar street lighting (GM Egypt)
- Job title** : Project Engineer
- Job Description** :
  - Acting as the main technical advisor on a construction site for subcontractors, crafts people and operatives.
  - Lead and motivate the Technicians team to ensure smooth operation run with a safety standards.
  - Managing site technicians to achieve project goals (quality, cost, time).
  - Organize work flow and ensure that employees understand their duties or delegated tasks.
  - Planning and coordinating site works with the concerned teams.
  - Identify, develop and manage training needs for the Maintenance group to ensure that skill levels are managed and advanced as needed.
  - Setting out, leveling and surveying the site.
  - Ensuring that all materials used and work performed are as per specifications.
  - Preparing and procuring of all materials and tools needed for each installation.
  - Prepare Engineering drawings (AUTOCAD) and plans for all solar system installations.
  - Control project plan by reviewing design, specifications and plan and schedule changes.
  - Perform all duties in full compliance of all laws, safety and environmental regulations and in a manner consistent with company policies and procedures.
  - Perform daily monitoring of ongoing activities and report any deviations to higher manager with causes of delay and recommended recovery plan.
  - Plan, schedule, or coordinate construction project activities to meet deadlines.
  - Review the project schedule with senior management and all other staff that will be affected by the project activities; revise the schedule as required.
  - Coordinating the different installation site activities in the project.
  - Prepare project status reports by collecting, analyzing and summarizing information and trends.
  - Maintain project schedule by monitoring project progress.

- Dates** : From Oct. 2015 till May 2016
- Employer** : Onasolar, Cairo
- Project** : 1 Mega Watt Solar On Grid Station at Sadaat City
- Job title** : Site Engineer
- Job Description** :
  - Following up the warehouse and materials delivery.
  - Site management and handling of the work as per drawing and method statements.

- Supervision on all solar work in the site.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD) software and Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.

**Dates** : From Apr. 2015 till Sep. 2015

**Employer** : TEC-MERGE MISR Solar and Renewable Energy, Cairo

**Projects** :

- Solar on grid station (165kwp) at Safaga Marine Port
- Solar on grid station (10kwp) at Matrouh governorate
- Solar on grid station (30kwp) at Cabinet of North Sinai governorate
- Solar on grid station (20kwp) at Cairo Electricity Production Company EI-Sabtya

**Job title** : Project Engineer

**Job Description** :

- Conduct engineering site audits to collect structural, electrical, and related site information for use in the design of residential or commercial solar power systems.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD) software.
- Perform computer simulation of solar photovoltaic (PV) generation system performance or energy production to optimize efficiency (pvsyst).