

Ahmed Alaa El-Din

PERSONAL INFORMATION

Email: ahmedd.alaa96@gmail.com Phone: 01091816668
Address: 2 El Moataz Saad Eldin, Heliopolis, Cairo, Egypt
Military Status: Exempted
LinkedIn: <https://www.linkedin.com/in/eng-ahmed-alaa96/>

CAREER OBJECTIVES

I strongly believe that with the power of nature and its resources combined with engineering science strengthens the bond between us and Earth to build a safe, better and sustainable future.

EDUCATION

2014 – 2019 **FACULTY OF ENGINEERING - AIN SHAMS UNIVERSITY- CREDIT HOURS SYSTEM**
Bachelor of Science in Electrical Engineering
Specialized in Energy and Renewable Energy
Graduation Projects:
1- Electrical Distribution for a large commercial mall in Madinaty. **Grade: Excellent**
2- On-grid PV system installation for a residential building. **Grade: Excellent**
2014 **Pioneer Language School**
General Secondary Education Certificate, **Grade:94.5%**

CAREER RELATED EXPERIENCES

November 2019 - Present: **Solar Energy Project Engineer at EBS**

- Perform site surveys to collect structural, electrical and any useful information that can be used in the design of the solar system.
- Perform BoQs for the needed equipment & material for installation.
- Provide technical direction and supervise installation technicians during installation.
- Ensure the correct implementation of all site activities according to the design plans.
- Making sure everybody in the site is following safety instructions (wearing PPE, attaching themselves to lifeline if needed, etc.)
- Project management of assigned projects from drawings, coordinating with client, Electricity Company till commissioning of the project.
- Ensure that all activities are running according to the method statement for the activity including risk assessment and job safety environmental analysis.
- Perform daily report on what have been done on site.
- Perform all the tests needed (DC cables tests using seaward to calculate Isc,Voc,Riso and Rpe ,Earth tests and AC tests using multi-clamp meter and megger device)

❖ Accomplishments:

1. **1 MWp** On-Grid roof mounted PV plant for Mercedes Commercial Vehicles (MCV).
2. **500 kWp** Total Egypt Solarization Project Phase 1 for Total gas stations.
3. **275 kWp** On-Grid For Al-Ahram Group For Plastic Sohag factories.

SKILLS

Technical

- Microsoft Office
- PVSyst
- PVSOL
- SketchUp
- AutoCAD
- DiaLux Evo
- Relux

Personal

- Flexibility
- Honesty
- Goal Setting
- Time Management
- Commitment
- Motivation
- Passion

Languages

- Arabic (Native)
- English (Fluent)
- German (Fair)

INTERNSHIPS

July 2018

SCHNEIDER ELECTRIC TRAINEE

At Schneider Electric training center

Learned about electric drives, motor starting & earthing systems.

August 2017

PRODUCTION ENGINEERING TRAINEE

At Al-Kady Factory For car hoses manufacturing

Learned about Steps of manufacturing car hoses and testing its sustainability.

Courses

- Solar Energy Design Course (Using PV syst, PVSOL, AutoCAD and Sketch Up with Skelion Plugin)
- Safety For Rooftop Solar Projects
- Classic Control
- Power system and light current systems design