

# AHMED MOHAMED MOSTAFA TAHOUN



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## PERSONAL STATEMENT:

Seeking a challenging position in progressive organization in the field of Solar Energy or Multi-National Company in the field of Electrical Engineering, that satisfies my potentials & offers opportunities for an advanced promising career by effectively utilizing, and improving my technical skills within a dynamic work group.

## WORK EXPERIENCE:

2/2018 – Now	TA .Engineer	Arab Academy for Science & Technology.
Responsibilities:	<ul style="list-style-type: none"><li>➤ Labs Teaching Assistant.</li><li>➤ Renewable energy lab &amp; prepare experiments.</li><li>➤ Follow up &amp; review for PV station.</li></ul>	
1/2017 – Now	Engineer – Freelancer Engineer	Sunrise Solar Solutions
Responsibilities:	<ul style="list-style-type: none"><li>➤ Technical Installation &amp; Implementation Team.</li><li>➤ Studying Modules &amp; Inverters Datasheet.</li><li>➤ Opening New Market.</li><li>➤ Studying Client Requirements.</li></ul>	
Project:	<ul style="list-style-type: none"><li>• Installation of 22 Kw On Grid PV Station.</li></ul>	
9/2016	Social Media Specialist - Freelancer	Oasis Renewable Energy
Responsibilities:	<ul style="list-style-type: none"><li>➤ Facebook Advertising.</li><li>➤ Content Creator.</li><li>➤ Contact Customers.</li></ul>	
9/2015 – 6/2016	Electrical Engineer.– Implementation Engineer	Magic for Engineering Works
Responsibilities:	<ul style="list-style-type: none"><li>➤ Studying the Implementation file.</li><li>➤ Prepare Requirements for Implementation Process.</li><li>➤ Testing and Commissioning Units.</li><li>➤ Matching Implementation Process with Stores.</li><li>➤ Studying Modules &amp; Panels and Prepare Catalogs.</li><li>➤ Testing &amp; Delivery Team Member in Factory.</li><li>➤ Quality Control in Factory.</li><li>➤ Coordinate with the Store Administrator.</li><li>➤ Reviewing Specifications of Orders.</li><li>➤ Making Technical Offers</li></ul>	

1/2013 – 3/2015

Electrical Engineer.–Technical Office

October Construction Co.LTD

Responsibilities:

- Assist Project Manager for Routine Tasks.
- Daily/Weekly Progress Reports.
- Documents Control.
- Contacting with Supplier for Quotations.
- Making Comparisons between Quotations.
- Documents Preparation for Pre-Qualification.
- New Bid Quotation Documents Preparation.

#### EDUCATION:

BSc of Engineering - Arab Academy for Science, Technology and Maritime Transport, Cairo Electrical Power & Computer Control – Engineering (2007-2012).

*(Graduation Project: CLEAN ELECTRICAL POWER GENERATION FOR A SMART UNIT)*

#### CERTIFICATES AND COURSES:

##### 2019 ➤ Train the Trainers – program: Certified Trainer

###### 3 Days Seminar (13th - 15th Jan)

- Reflecting on the trainers role as a learning facilitator.
- Giving & receiving feedback.
- Learning & different learner types.
- Evaluating teaching methods & ways to activate participants.
- Using media & visualisations effectively.
- Developing & delivering new training concepts.
- Assessing the learning outcomes & success factors of trainings.

###### Delivery Practical Training Sessions Shadowed by Renac Trainers ( 3rd Feb - 28th Mar)

- Grid tied PV systems components.
- PV system visits / inspections.
- Practical work on planning and preparation.
- Mechanical installation.
- AC/DC cabling & wiring.
- Installation of electrical components.
- Inspection, testing & commissioning.
- Designing and sizing of PV systems on flat roofs.

##### 2018 ➤ Installation and Quality Assurance of On-Grid PV Rooftop Application:

- Grid tied PV systems components.
- PV system visits / inspections.
- Practical work on planning and preparation.
- Mechanical installation.
- AC/DC cabling & wiring.
- Installation of electrical components.
- Inspection, testing & commissioning.
- Designing and sizing of PV systems on flat roofs.

##### 2016 ➤ Solar Electricity PV - Off - Grid Design:

- Fundamentals in solar energy and photovoltaic.
- PV cells and modules.
- Solar radiation and electricity output, shading, site survey.
- Off-grid PV system concepts.
- PV off-grid inverters & inverter-chargers.
- PV off-grid loads & batteries.
- PV off-grid systems installation.
- PV off-grid design & sizing (Manual – Software).

##### 2015 ➤ WFP (Work Force Passport) Scholarship Course:

- 2 English Levels - Berlitz.
- Communication Skills - Dale Carnegie.
- Work Skills - PDF.
- Sales Skills - CAME.

##### 2015 ➤ Power System Distribution Training Course - Revit Electrical :

- Learning AutoCAD - DIALux. • Lighting •Design (Manual-Programmable). • Shop Drawing.
- Lighting / Sockets Design (Revit).
- Sockets – Cables – HVAC – Panels.
- Voltage Drop – S.C- Earthing.
- Panel Calculation •Wiring Design (Revit).

### 2011 ➤ Siemens Training:

- Introduction about all Store& Mechanical & Electrical & Quality Control Procedure & Processes.
- Installation and Assembling Electrical & Mechanical Parts of Panel.
- Wiring Technique in Panel.
- Familiar with Auto CAD Drawing & Designs.
- Introduction about Testing Panel (FIT&FAT).

### 2010 ➤ Siemens PLC(SIMATIC-S7) Training Course:

- Introduction to PLC.
- Installation and Maintenance of Siemens S7 PLC.
- Installation and Maintenance of Siemens S7 PLC.

### **ACHIEVEMENT:**

- Certified Trainer

### **SKILLS AND ABILITIES:**

- Language proficiency English (Good Command) & Arabic (Mother Tongue).
- Excellent Knowledge with MSOffice and Internet Applications.
- Familiar with Solar Design & Simulation Programs PV Sol – PV Syst.
- device (IV500) to test Solar Panel, IV curve & Solar Radiation.
- Good Knowledge with (AUTOCAD & DIALux ) Programs.
- Good Knowledge with Shop Drawing Understanding – Design.
- Good Knowledge with Facebook advertising.
- Interior Lighting – Socket – AC designs – Cable Calculation.
- Efficient Communicator with the Ability to Express Ideas & a Team Player.

### **WORKSHOPS/ SESSIONS / VISITS:**

- 1) Attended Various Presentation Skills and Time Management Workshops.
- 2) Visited the SUMED Oil Pumping Station in, Alexandria ,Egypt 2010.
- 3) Visited SEDI KRIR Power Station, Alexandria, Egypt 2011.
- 4) Visited Al-Zafarana Wind Farm ,Ain Sokhna ,Egypt 2012.

### **MEMBERSHIP:**

- Egyptian Engineering Syndicate.
- Federation of Arab Engineering.
- Saudi Council of Engineers 2013 – 2015.