



Ismail Almarakby

"I walk slowly, but I never walk backward"

Profile

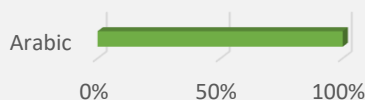
- **Name:** Ismail Mahmoud Almarakby.
- **Nationality:** Egyptian.
- **Age:** 22 years old.
- **Address:** Kafr Ghanim/ Kom hamada/ AL Behera.

Contact

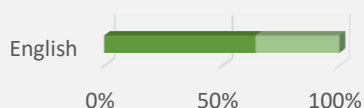
- 📞 **phone:** 01024451636
- ✉ **E-mail:** esmaelalmarakby@gmail.com
- 🔗 **LinkedIn:**
<https://www.linkedin.com/in/esmael-almarakby-77a853158/>

Language

➤ Arabic: Native language



➤ English: Upper intermediate (B₂)



About me

I'm a friendly, patient, loyal, honest, and hardworking man who has the ability to give the work everything he has, I'm always up to learn new things that improve my career, I work efficiently to finish the job excellently.

Education

Bachelor's degree in Agricultural Engineering.

Department of structure and environmental control.

From Faculty of Agricultural Engineering.

Al-Azhar University.

Grade: good.

Graduated in 2020.

Studied Subjects: Renewable energy, Solid and Liquid waste management, Greenhouses, Hydroponics System, Aquaponics System, Irrigation systems.

Skills

- **Microsoft office:** very good.
- **Auto Cad:** good.
- **Sketch Up:** good.
- **PVsyst:** good.

Activities

- **Graduation project:** Aquaponics system working by solar energy.
Utilize solar energy to raise the water by submersible pump from fish farming pond to the plants in a hydroponic system, the water contain nitrogen (N) from fish urine, then after the plants absorb nitrogen, the water will return to the fish pond clean.
Grade: excellent.
- **Visit to New and Renewable Energy Authority:** Gained Knowledge about:
Solar photovoltaic systems.
Solar water heaters.
- **Solar PV systems:** online course.
Realized the photovoltaic systems and how to design and implement them:
Grid connected system (on grid).
Isolated system (off grid).
Pumping PV system (pumping).
- **Auto cad:** online course
- **Solar System Design using Sketch Up:** online course.
- **Solar system design using PVsyst:** online course.

Experience and Training

- ❖ **Pumping PV Plant 10 Kw in AL Behera:** Trainee at Arab company solar A.C.S (March 2021).
Design and execute solar pumping system using:
Jinko solar photovoltaic module (285W).
Delixi inverter (VFD for solar water pump).
Submersible pump (10HP).
- ❖ **Solar PV training program:** trainee at Eco Solar Company (certified course January 2022).
Design & install solar energy plants according to Eco Solar qualifications with a total of 36 hours of training.
Gained Knowledge about:
Components of solar photovoltaic systems
Grid connected system (on grid).
Isolated system (off grid).
Pumping PV system (pumping).
Solar water heater.
Design by PVsyst & Sketch up & Auto cad.