

Mahinaz Mohamed Ebrahim El-Hadidy

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EDUCATION

Bachelor Degree of Energy and Renewable energy Engineering, Ain Shams University (ASU). GPA: 3.00/4.00 (2018)

Graduation project (GPA: 4.00):

- Electrical distribution system for a small city.
- Designed PV system and solar water heating system for a building in order to make it energy efficient.

EXPERIENCE

Technical Office Engineer, Energy Systems Components (Energyscom).

- Drew sketchup drawing and distributed solar panels in the available area for a nearly 700 kW factory.
- Designed the PV systym of the same factory using PVSYST., and prepared a technical offer for the customer.
- Conducted site visits for a nearly 200 kW project in 5th settlement (International school)

Science instructor, Innovation Hub (ihub), Ain Shams University. (July 2018 - Aug. 2018)

Trainee, Schneider Electric Company, Cairo. (Summer 2017)

- Motor starting and Electrical motor drives.

Trainee, Innovation Hub, Ain Shams University. (June 2016 – Aug. 2016)

- Arduino project, prepared business plan for the project..

Trainee, Schneider Electric, Cairo. (Summer 2016)

- Power Factor, Smart homes, KNX systems.

Participated in a workshop about solar energy systems. (Jan. 2015)

- Learned about types of solar systems, solar system components, and made a solar charger as an application of the workshop.
- Conducted a site visit to Al-Maamon company which has an applied PV system.

Conducted a visit to Egypt New and Renewable Energy Authority, NREA, Cairo. (Jan. 2014)

Trainee, First Print Company, Al-Obour city, Al-Qalyubia. (Summer 2014)

- Gained basic knowledge about classic control.

ACTIVITIES

Head, Academic committee, Catalysis student activity, Ain Shams University. (2017-2018)

- Organized a science fair, 1500 visitor visited it.
- Leded a 20-member team, Worked on a 3D printer project.

Employability Skills Track, Employability and Career Development Center (ECDC), (ASU). (2017)

- Received (9) Days Training Program funded by The USAID and Vodafone, Conducted by Aspire Experiential Business Solution.
- Received an experiential training covering areas of self-awareness communication, leadership and team building.

Member, Academic committee, Catalysis student activity, Ain Shams University. (2014-2016)

- Moderated workshops about: Kinect programming (XBOX sensor), solar systems.
- Worked on solar panel tracking system project, Kinect robot.

COURSES

Marketing course, English course, and Technical writing course.

SKILLS

Computer skills: PVsyst., AutoCAD, Sketchup, Solar calculator, DiaLux, EcodiaL, Solidworks, Arduino, Microsoft office.

Languages: Arabic mother tongue, very good command of English.