

# Amjad Ibraheem Shehada

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## Education

BEng. Electrical Engineering, GPA: 84.37% [Jun 2014].

- Islamic University of Gaza, Faculty of Engineering, Palestine.

General Secondary School Certificate, GPA: 92.5%- [July 2009].

- Kamal Naser secondary school, Khan Younis, Palestine.

## Work Experience:

- Electrical Engineer at Alawda factory for food and nutrition, (Instrumentation and Automation Engineer) [2 April 2016 – Present].
- Al Eshara company for Electrical systems and Industrial Automation, (Design, Installation and Maintenance) [15 Oct 2014 – 30 April 2016].
- Electrical Engineer at Easa-Morad\_Co, (Solar cells systems Design and Installation) [1 Oct 2014, 14 Oct 2014].

## Projects & Special Achievements

- Designing production line for Dallol-Co.
- Preparing electrical lab boards for Palestine Technical College (Deer Al-Balah).
- Installation and operation (15KVA, 3Ph, off-Grid Solar System) (Palestinian-British Co).
- Designing ATS system to manage 3 generators automatically (Dar Al Salam Hospital).
- Production lines maintenance along Gaza strip (AL-Salam Mills Co, Dallol Co, Sarayo El-Wadya Factories and Automatic bakeries,).
- Outdoor and Indoor navigation system for blind and visually impaired people (Android application, GPS and Bluetooth)-Graduation Project.

## Technical Skills

### Electronics & Electrical

- Electrical and control boards designing and installation.
  - ATS and MTS Systems.
  - Pump Control and safety systems.
  - Refrigerators power and control systems.

- Programming electrical control devices
  - General purpose AC motor drivers
    - Digital Soft Starter (RVS-DN).
    - Variable Frequency Device (VFD-Delta), BERGES Inverters, FUJI FVR.
  - Industrial Control devices
    - Temperature controllers, Counters, Timers, Panel Meters, Proximity and Pressure Sensors.

## Computer

- Programming and design software, Matlab, AutoCAD, ORCAD, LabView, Proteus WinCC, VB.
- Android Applications ,C++, Assembly, micro c, ladder.
- Word, Excel, PowerPoint.

## Languages

- Arabic: Native language.
- English: Very Good.

## Training Courses

### Communication Training course.

-Palestinian cellular telecommunications company 'JAWAL', summer training, Jun 2013.

### Electrical installations.

Al-Ibdaa center, 60 Hours, March 2013.

### PIC Microcontroller programming.

- Engineering club training course of 36 Hours, February 2012.
- Projects & Researches Lab at Islamic University of Gaza, 50 Hour, August 2012.

### Matlab programming.

- Engineering Club at Islamic University of Gaza, 36 Hour, February 2012.

### Printed circuit board (PCB) - Design & Fabrication.

- Engineering Club at Islamic University of Gaza, 30 Hour, February 2011.

## Awards & Honors:

-Participation in the Fifth Engineering Conference offer a distinct project - Islamic University (December 2014).

## Activities & Hobbies

Started "AMBASSADORS OF MARS" The first astronomical festival in Palestine.

It has been selected by the IAU Office of Astronomy for Development.

Member at UNESCO Chair: Astronomy, Astrophysics and Space Sciences.

Organizer at, Amateur Astronomers club- "Gaza".

Watching and discussing documentary films especially about Physics, Astronomy and Psychology.

Translating scientific articles and papers from English to Arabic.

Self-Development.

## References

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- Ammar M. Abu Hdrouss, Associate Professor at the Electrical Engineering Department & head of the Research and Projects Center. The Islamic University of Gaza (IUG).

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