

Details

Email

waadQeshta12@gmail.com

Telephone

+970 592235428

Address

**Rafah - Bank Palestine
Street, Gaza, Palestine**

Date Of Birth

10/12/1999 KhanYounis

Nationality

Palestinian

Gender

Female

Civil Status

Single

Skills

Software tools:

**SolidWorks, MATLAB,
Arduino, WPL Soft, Portus,
Automation studio, Multisim**

**Technical skills: 3D printing,
Soldering, electrical circuits
assembling**

**Programming language: C++,
MATLAB**

Word, Excel, PowerPoint

Languages

Arabic

Native

Waad Khaled Qeshta

Mechatronics Engineering

Studies and education

Bachelor's Degree in Mechatronics Engineering, Al-Azhar University

Palestine - Gaza | 9/2017 - 6/2022

Work experience

Trainee in electrical and maintenance department, European Hospital

Khan Younis | 7-2021 - 9-2021

**Trainee in supervising technicians in electricity and solar cell
installation, Sun Box Company** Gaza | 12/2021 - 1/2021

member, RCM Team

Al-Azhar University Gaza | 2019 - 2022

Team Member of Renewable Communications Mechatronics (RCM) Al-Azhar
University - Gaza - Palestine.

- Mentored engineering students through educational and career challenges -
- Shadowed engineers' scientific facilities and learned varying mechanical, electrical projects and control systems (e.g. electrical power plant)
- Participation in engineering courses and workshops
- Participation in volunteer work such as visiting the elderly home in Gaza and other places

Student, Al-Azhar University

Gaza | 2021 – 2022

Projects:

-6degrees of freedom robotic arm

The project was designed using SolidWorks and programmed via MATLAB, Arduino and all its com

through 3D which we will talk about in the following item, In this project we are four members, and my responsible for write reports, results and I participated in the practical section in building the printer and printing the robot

-Building a 3D printer

First, the size of the printer that we will build was chosen -40*40cm- to determine the components that we will bring to be able to assemble, we used the stepper motor for movement and the minimum power is 12V/ 20A, we used the CAD program for the design and the Arduino program for programming, it was assembled in 12 hours with 3 members with me

Courses

Electric Circuit Design, Khan Younis Syndicate of Engineers

7/2019 - 9/2019

- Study and build schematics and diagrams which define how electrical components such as (electrical wirings, circuit breakers, transformers, etc.) - How to choose circuit breakers based on specific characteristics and global standards suit the local needs,
- How are electrical circuit breakers connected to an electrical system and their practical application
- Apply simulated electrical circuits using Automation Studio tool.

Classic Control , Kuwaiti Center - Gaza

2/2021 - 4/2021

- Identified electrical system requirements, inputs and outputs.
- Used mathematical models to calculate electrical metrics including power factor, current and voltage distribution.
- Identified appropriate functional and safety related circuit components (e.g. circuit breakers, timer, ...etc.)
- Utilized Electrical AutoCAD and Automation studio to design an agricultural electrical circuit

Installations, design and maintenance of solar energy systems, IOCC

7-2020 - 2-2021

-We practically got acquainted with the connection of any electrical circuit We learned about the components of solar cells, their installation and the inverter - How to connect cells with proper voltage -How to choose a battery that lasts as long as possible and does not get damaged

Electronics, Top Tech Company

12/2019 - 2/2019

-study of electron behavior and movement, ncluding diodes, and transistors - design Electronics circuits, devices, integrated circuits, and electronic systems, -Building electronic circuits by soldering them together, conducting some experiments on them, examining them, -using a breadboard, electronics components and see the signal by Oscilloscope

Hobbies

I design well in Photoshop, Illustrator, and editing video in Premiere. good photographer.