

# Marwa Khaled Sayed Mohamed

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## PROFILE

I am an engineer graduating in 2023 from the Faculty of Engineering, specializing in Communications and Electronics at Al-Azhar University. My academic background includes a focus on electronics and communications, and I have a keen interest in the field of embedded systems.

## EDUCATION

**I graduated with distinction, earning an honors degree.**

Al-azhar university faculty of engineering

09/2018 – 06/2023 | Madinat Nasr, Egypt

- I studied communication-related subjects such as Communication Systems 1 and 2, Wireless Communications, as well as Telecommunication Networks. Additionally, I also studied Math 1, 2, and 3, and took courses in Electronics.
- My graduation project was about smart glasses for the blind; we used machine learning and embedded Linux with Python programming.

## COURSES

**Embedded system basics**

ITI (information technology institute)

09/2021 – 10/2021 | Cairo, Egypt

**Course content:**

- C programming
- Embedded system concept
- Interfacing with AVR microcontroller
- Communication protocols
- RTOS concept

## PROJECTS

**Smart home**

I used in this project Proteus program and Eclipse IDE

AVR microcontroller (atmega32)

Peripherals:

GPIO

ADC

Keypad

LCD

Servomotor

DC motor

Buzzer

LM35



## SKILLS

- Communication
- Working with team



## LANGUAGES

**English**

B1



