

# CV

- Name: mohamed yosri mohamed
- Email: [engineerm12@gmail.com](mailto:engineerm12@gmail.com)
- phone :01156299961 –in case not available please call  
01022963551

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## Some information about me:

I graduated with total grade of 79.3% as **very good** with **honor rank**

With **excellent final project** From Shoubra faculty of engineering.  
Benha University.

Electronics and communications department

I am a v-good English speaker and writer

I like self-learning and keep up to date



## Adjectives:

hard worker - deterministic - creative - learning inquisitive  
as I am in entry level but i want to learn new things - idea  
maker

## Brief notes for Projects that I worked on:

- the final project that was **fire-fighting robot**

During this project I worked on (Zigbee – Arduino – android app-  
Node MCU –solid works – motor shield with motors and encoders  
– PID control- servers)

The robot can reach the on fire place with 2 modes

- ( manual ) the robot can be controlled with android app for  
priority achieve
- (Automatic ) the robot can know the where is the fire and go to  
it automatically and extinguish the fire
- We participated in ITI maker Hackathon



- Telecom Egypt company training  
In communication and electronics field

- line follower robot

I applied for 2 competitions for line follower robot

In shoubra x competition and Mecato company competition

We got places in the 2 competitions with **only self-study** making  
V good PID control

- Project robot avoiding obstacle (embedded system)

During this project I worked on (Arduino - robot design using solid  
work - motors - motor shield)

- tic tac toe game with logic gates (logic gates)

During this project I worked on (logisim program)

- full project GUI (graphic user interface ) java program  
(programming)

- power supply circuit support -ve and +ve volt values (electronics)
- full communication system (transmitter and receiver ) design on proteus simulation program (communication system)
- simple projects on (labview program using myrio kit)
- Matlab and Simulink projects with graphs (high level language programming )
- couple reverse flashing led using 555 timer IC (electronics)
- packet tracer program  
I made simple projects about configuring routers and switches  
Setting up simple networks with routers and switches and pcs  
And I was trying to **self-learning** CCNA online courses

## Student activity:

GSA (Google student activity)

Media department

## Working experience:-

Working in 4s-sphinx company as installation and configuration engineer for security systems in big project for Atomic Energy Authority (ETTR1 –ETTR2)

- Security systems as:-
  - network installation and configuration with fiber cables
  - CCTV system
  - intruder systems
  - access control systems

## Scholarship:-

- CISCO / NTI (national telecom institute ) cyber security scholarship for 3 months(Marsh 2018-May 2018) studying :
  - CCNA
  - CCNA security
  - Linux
  - SDN
  - Cyber security Essentials
  - Cyber security operations
  - Final Project of hacking Wi-Fi and secure it with radius server on Linux



