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OBJECTIVE

Finding a job opportunity in the embedded systems, Computer Networks field my education, background and projects in previous field hope to enable me taking significant contribution at the company that I will join and help me to achieve more progress and success



EDUCATION

HIGH SCHOOL | Banha Elsanwya Baneen

2015 – 2016

Grade : 90%

Department : Scientific mathematics

B.Eng | El-Sheoruk Academy

2016 – 2021

Department: Electronics and Communication Engineering

Grade : Good



COURSES & INTERNSHIPS

Internship | TELECOM EGYPT

2018 – 2019

Summer Internship at Telecom Egypt about (Optical Fiber) and certified too.

COURSE | AUC

2018/2019

Summer Course at The American University in Cairo (Cisco certified Network Associate Course) – Certified too from AUC and Cisco by Grade **Achieved : 91.3%**

Computer Network Project: the aim from this project is to connect 4 multilayers switches by mesh topology and connect this LAN to the

Router and make a router connect to another LAN by EIGRP protocol.

The Aim from this is to make PCs get IP addresses from DNA Server and access to ISP to be online on the internet.

Link of project: <https://github.com/Gouda99/Computer-Network-Lab.git>

Course | Coursera.com

2020 – 2021

Python course at Michigan University via Coursera.com and certified too by **Grade Achieved:**

99.17%

Diploma | BY.MOHAMED-TAREK

2020 – 2021

The diploma covered the below topics:

- - Basic Concepts of Embedded Systems.
- - C Programming.
- - Data Structures (Linked-List, Stack and Queue).
- - AVR Micro-controllers Interfacing (Implement all the drivers).
- - C for Embedded Applications (Embedded C).
- - Real Time OS(RTOS).
- - Software Engineering.
- - Embedded Tools.
- - HW Labs.

Projects: Embedded Systems Projects:

1- F_CPU = 1 MHZ.

Use Timer1 CTC Mode to count the time for the stop watch.

INT0(Falling edge using the internal pull up) --> reset the stop watch

INT1 (raising edge using the external pull down) --> pause the stop watch

INT2(Falling edge using the internal pull up) --> resume the stop watch.

The below image is just to illustrate the basic idea about the multiplied 7-segments. Use The common anode decoder 7447 instead of the IC in the image.

2-Same with the project one but we control the the DC motor using PWM.

2-Password Based Security Door Lock using Atmega16 microcontrollers.

3-Robot Car Using Arduino.

4-Calculator Using ATmega16.

3- Links:

<https://github.com/Gouda99/Password-Based-Security-DoorLock-using-Atmega16-microcontrollers.git>

<https://github.com/Gouda99/Calculator.git>

https://github.com/Gouda99/Mini_Projects.git

Internship | HUAWEI

2020 – 2021

Summer Internship at Huawei (Artificial intelligence) by grade :85%

Course | skillshare.com

2020 – 2021

Responsive Web Design Essentials - HTML5 CSS3 Bootstrap



SKILLS

- MS Office: Proficient in Word, , Powerpoint, Excel
- Computer Skills: Proteus – Visual Studio Code – Eclipse – VMWare Workstation Pro
- Programming Language: C – Java – PythonHTML5-CSS3
- Languages: Arabic: Native
English: Fluent
German: Beginner



INTERSETS

Football – Swimming – Cycling - Walking