

Eman Eldeeb

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Education:

- Graduated from Faculty of Engineering, Computer and Systems Engineering department, Zagazig University, Class of 2022
- Grade: Excellent with Honor (85.481)

Work Experience:

- RAS member at IEEE ZSB.

November 2020: December2021

Projects:

- **Graduation Project: Smart Home controlled with Smart Assistant**

Grade: Distinct:

- Built the home security system with face recognition model running on Raspberry Pi which controls part of (sensors & devices) on NodeMCUs with connecting them to the Firebase which the values in it are changed by the face recognition model or by the smart assistant (NLP models running on Raspberry Pi with microphone & speakers)

– Technologies used: Python, CNN, OpenCv, Raspbian OS (Bullseye 11 64- bit OS)

- **Book Store Website:**

- Developed backend server with flask and connect it to database
Technologies used: python, SQLite, Flask.

- **8-bit RISC Processor:**

- Built a full 8-bit RISC Processor consists of: Generic 16-bit register, Program counter, General-purpose register, ALU, ALU latch, Data path, Control unit, Address multiplexer, Memory IO, RAM.
- Technologies used: Logisim

- **Computer Security Software:**

- Developed a system that Encrypt & Decrypt files based on the following expression:
$$\text{encrypted}[i] = \text{message}[i] + \text{key}[i]$$
- Technologies used: Java

- **memory game**

- A game which you can flip cards to check if they are identical or not and depend of your number of tries to match all of them correct you can win or lose
- Technologies used: Html-CSS-JavaScript

- **Image editor**

- Developed website which you can upload a picture of your choices and apply different filters to it and you can download the resulting image
- Technologies used: Html-CSS-JavaScript

- **portfolio**

- Technologies used: Html-CSS-JavaScript

- **Cloning templates**

- Clone responsive design of leon and kasper templates
- Technologies used: Html-CSS-JavaScript

Courses/ Certificates:

- Udacity nanodegree web development challenger track
- Udemy JavaScript the Complete Guide 2023 (Beginner + Advanced)

Skills:

- Programming languages:
JavaScript, HTML, CSS, Python, Java, C
- Git/GitHub
- Basic Linux
- Familiar with node.js & express js
- Microsoft office programs

Language Skills:

- Arabic: Mother tongue
- English: Excellent