PROFILE

Mostafa Magdy Abdel-rahman

CONTACT

Phone

- 01128306813

GitHub

- https://github.com/Engineer-mostafa

LinkedIn

- https://www.linkedin.com/in/mostafa-magdi-1200121b9/

Email

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CERTIFICATES

- Full Stack Development Track Certificate (11-2018)
- Front End Participation (10-2018)

HOPES

- Horse Riding
- Reading books

Reference[1]

EDUCATION

Second year computer engineering Bachelor's degree in Cairo university
Enroll in September 2018 – present
Graduation July 2023

WORK EXPERIENCE

Until this second you read my resume I created and participated in a lot of projects but the most important 4 are

- **Mathemati** Website.
- **Dental E-commerce** Mobile app.
- **Power'em** Website.
- **Solar City** Embedded.

- ❖ **Mathemati** is a big mathematics(Numerical analysis) library web application (**python and flask framework**)
    - My role : design UI of Some Pages and build backend of them.

- ❖ **Dental E-commerce** mobile app it's a general E-commerce but in my git I try to sell dental tools I used firebase as a database (**Flutter**).

- ❖ **Power'em** is a web application that let you to draw an Electric Circuit or upload txt file with your Electric Circuit and finally produce a txt file with all answers you need (**Python**)
    - My role design Ui and link python model to solve the circuit that user gives us.

- ❖ **Solar city** is a simple model of solar city in this project I made a self driving solar car that doesn't need fuel it need only solar energy and I made a solar tracker that track the sun to give me the high efficiency in Lighting the homes in the city and I make complete small real city. (**Arduino Embedded C**)

Other projects

1. Create Monopoly Game and Restaurant simulator with (**C++)**
2. Create Desktop app that manage company employees, projects and departments with SQL database (**C#**)
3. Create Hardware Calculator (**Logic Gates**)
4. Working on huge project for student activity mobile application project using firebase and API of NoSQL MongoDB (**Flutter**)
5. Working on Pharmacy project using SQL as database (**Nodejs**)

Finally I know and used a lot of algorithms like Binary Search, shortest path, **DFS**, **BFS**, **DP** and a lot of math algorithms like **sieve**.

LEADERSHIP AND AWARDS

- Selected as best member in mobile development student activity two months
- I was selected to be flutter instructor in student activity

[1] Available upon request ®