Mustafa Sayed Al-Said

Web and Mobile Apps Developer
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GitHub | Linkedin

EDUCATION

FACULTY OF ENGINEERING AIN SHAMS UNIVERSITY — August 2019 - August 2024
BACHELOR DEGREE COMPUTERS AND SYSTEMS ENGINEERING — Abdou Pasha
CGPA: 3.04

SKILLS

Programming Languages	C, Embedded C, Java, C++, Python, Dart, Flutter, Veilog, MySQL, QT, JavaScript, HTML/CSS
Libraries/Frameworks	Django, React

PROJECTS / OPEN-SOURCE

CLIMA MOBILE APP | Link — Dart, Flutter

- Implemented flutter code to create a mobile app which checks the location of the phone device, and by using the longitude and latitude it fetches data from an online website called "Openweathermap" it lets the user know current conditions of the weather and other details.
- it also has a feature which navigates the user to another page where he can inquire for the weather in a different city by typing it's name in a search field.

BMI CALCULATOR | Link — Dart, Flutter

- Implemented flutter code to calculate the BMI, the user is asked to give his height, age, weight and gender, then using these details the app calculates the BMI and shows a suitable description according to the BMI score.

FLASH CHAT | Link — Dart, Flutter

- Implemented a mobile app using flutter.
- The app connects to a cloud database using firestore.
- The databases save users information and messages sent by users.
- The app retrieves the information from the firestore database to show messages or confirm a user's credentials.

XYLOPHONE | Link — Dart, Flutter

- Implemented a mobile app which creates sounds with each user tap like the musical instrument (Xylophone).

DISTRIBUTED MARKETPLACE SYSTEM | Link — Python Django Framework, Flutter

- Led a team to design a marketplace system with distributed databases and connecting them to a front-end designed with flutter.

ROVER DRIVER SIMULATOR | Link — Python

- Led a team to implement a python code to drive a rover in udacity simulator without colliding with obstacles and to collect rocks scattered around the map, we used computer vision methods to process input images and the rover is instructed to drive according to these calculations of driving angles.

MICROWAVE OVEN CONTROLLER | Link — C/ Embedded C

- Led a team to implement embedded C code on tiva c to act as a microwave oven controller and display time on LCD screen.

CERTIFICATIONS

- Programming Languages, Part A - University of Washington - Coursera
- Algorithmic Toolbox - University of California San Diego - Coursera
- Mathematics for Machine Learning: Multivariate Calculus - Imperial College London - Coursera
- Supervised Machine Learning: Regression and Classification - DeepLearning.AI Stanford | ONLINE - Coursera
- Mathematics for Machine Learning: Linear Algebr - Imperial College London - Coursera
- The Complete Flutter Development Bootcamp with Dart- by: Dr.Angel Yu - Udemy

HONORS & AWARDS

- Participated in the International Collegiate Programming Contest ICPC in August 2022 and earned a Certificate of Achievement.