Abdullah Mahmoud

Systems and Biomedical Engineering Student
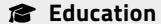
✉ abdallah.abdelghaphar03@eng-st.cu.edu.eg

📍 Giza - Egypt

📞 +201148770014

in Linked In: Abdullah Mahmoud

○ GitHub: Abdullah Mahmoud

🎓 Education

Systems and Biomedical Engineering Bachelor's Degree,
Cairo University

October 2021 – present

Accumulative GPA: 3.4
Expected Graduation Year: 2026

🧠 Skills

Programming Languages
C/C++, JavaScript, Dart, Java, Python

Web & Mobile Devlopment
HTML, CSS, JavaScript, Bootstrap, Node.js, Express, EJS, Dart, Flutter

Databases
PostgreSQL, MongoDB, Firebase

Technical Skills:
OOP, Data Structures, Algorithms

Other Skills
Java Swing, Arduinos, Git/GitHub, Postman, Simscape

📁 Projects

Catanova,
Flutter, Dart, APIs, JavaScript, HTML, CSS ⤴
Deep learning model to early classify eye diseases like (cataract, glaucoma, and diabetic retinopathy) by analyzing retinal images, available as a mobile app and a website.

ChatCord, *Node.js, Express, JavaScript, HTML, CSS, Socket.io Package* ⤴
A chat Website with 7 rooms, where you can find people with same interests and speak with them.

ChatClub, *Flutter, Dart, Firebase* ⤴
Mobile application where people can communicate easily and secretly with real-time messaging, user authentication, and data storage using Firebase.

Chessico, *Java, Java Swing* ⤴
A complete chess game desktop application with a modified chess logic, impressive user interface, and player interactions.

TheNews, *Flutter, Dart, APIs* ⤴
Mobile application used to fetch and display news from various sources, with seven full categories for the user, also able to show web pages by using some flutter web packages.

WeatherCity, *Flutter, Dart, APIs* ⤴
Mobile application allowing the user to know the weather by searching the city name, it is used by fetching and displaying weather data from a weather API.

Gesture controller car, *C, Arduinos, Robotics*
A small robotic car that can be controlled by the movement of the hand using Arduinos, and sensors.

📚 Courses

The Complete 2024 Web Development course,
Dr. Angela Yu
Learned Node.js, Express, PostgreSQL, and Others.

Complete Flutter and Dart Development Course, *Tharwat Samy*
Learned Flutter, Dart, Firebase, and APIs and made lots of projects.