Youssef Abo-El-Ela
BIOMEDICAL ENGINEER

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EDUCATION

Bachelor's Degree
Systems and Biomedical Engineering
Faculty of Engineering ,Cairo University
2021 – 2026
Grade: Excellent

SKILLS

- C++
- Java
- Python
- C
- Java Script

Web Development Skills

- HTML
- BootStrap
- CSS
- Express NodeJs
- PostgreSQL

Mobile Development Skills

- React Native

EXTRACURRICULAR ACTIVITIES

- **Member of Mobile development committee at STP student activity** Sep 2023 - Present

Currently working on a **mobile app using react native**

- **Vice Head of GOC committee at DOSS CUFE student activity** Aug 2023 - Present

We are interested in helping university students to solve their problems either university or life related

- **Representative of biomedical engineering students - Class 2026** Sep 2022 - Present

- **Scientific committee member at Student Union of faculty** Nov 2021 - Nov 2022

INTERNSHIPS

EMBEDDED SOFTWARE INTERN

Ezz Medical Company Aug 2023 - Sep 2023

- I was responsible with my colleagues for FOTA (Firmware over the air) project for updating the firmware wirelessly through a **one month full time** internship

PROJECTS

Chess Game :
Repo Link
It is a full game done as a final project for **OOP** course taken in the university, it is done by **java** language and **JSwing** as GUI framework

Simple Learning Management System (LMS) :
Repo Link
It is a project done by Qt framework and C++ to implement a simple LMS that can add students, teachers , link them together and other features

Nasa Space Apps Hackathon Website :
Website Link
Certificate Link
I was responsible for the **frontend** part for this website which was done in 24 hours only, but due to time limit, there is unfinished work

Dynamic Simple Profile Page with Login System :
Repo Link
Using Express NodeJS as backend technologies and HTML,CSS,JS as frontend technologies and PostgreSQL as database management system, I have developed with my team Login , Register , Profile Viewer Pages that are dynamic

Command Parser :
Repo Link
It is a project done by **C++** as a semi final project in Beta Academy C++ summer course

Contact List :
Repo Link
It is done by **C++** as the final project for Beta Academy C++ summer course

COURSES

- **AI & IOT Course by NTI (National Telecommunication Institute)**
Certificate Link
Repo Link
In this one month intensive course, I have learnt **python** , some **machine learning algorithms** and **deep learning concepts** and got enrolled also on a **Cisco Netacad IOT course**