

Yousef Elkammar

Student at Faculty of Computers and Information Sciences, Ain Shams University.

An undergraduate in computer science with humbled experience using C++, Python, Java, Flutter, SQL, and Source Control. I want to put my skills to develop an outstanding applications for common use.

Work History

Android Committee member.

2020-11 to Present.

MSP-Tech Club -ASU, Cairo.

- Learning basic and trending technologies in Android App development as recycler view, MVVM, REST API, Retrofit and Room DB.
- Completing weekly tasks and projects.
- Preparing for being summer training technical support.
- Making comprehensive project that includes all what we learned.
- Improving soft skills as we practice and lecture every session.

Volunteer.

2022-02 to 2022-04.

ASU Career Center, Cairo.

- Adhered to organization procedures and instructions to maintain safety for program participants and other workers.
- Met with other volunteers and program leaders to discuss new service opportunities.
- Responsible for evaluating sign up requests.
- Registration team member.

Mobile Development Intern.

2022-02 - 2022-03

The Sparks Foundation, Remote

- Developed a login app that integrates Facebook and Google login APIs.
- Helped fellow interns on their tasks and inquiries.
- Gave Peer Evaluation for fellow interns' projects based on design , code architecture and responsiveness.
- Expanded my social network as it was a mandatory task of the intern.

Trainee

2022-02 - 2022-03

ITI Menoufiya's Branch., Remote.

- Developed a to do list application with responsive design.
- Acquired certificates of completion of Mobile Application Development using Java, SQLITE and Freelancing.

Education

Sophomore B.Sc. Computer Science.

2020-10 to Present

Faculty of Computers and Information Sciences - Ain Shams University.

- GPA: 3.2.
- Awarded Certificate of honor for Flutter 22'workshop -best project (1st).
- Awarded Certificate of honor for Structured Programming -best project (top 5).
- Professional development completed in Web, Android and Flutter app development.
- Studying basic science fields of math, probability and programming.

Contact

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Skills

Java.

Used daily in **android development**.

Implemented in: **Blackjack, To-do**

list and **Login app**.

Python.

Used daily in **AI** and **machine learning**.

Implemented in **Muzify** music app, **Heart Failure Prediction, Statistical Analysis** and **AI** Curriculums.

C++.

Used in **problem solving**.

Implemented in **Flappy Bird** game's **engine** and **graphics**, **Data Structures** and **problem solving**

OOP.

Used in **Android** and **DS**.

Implemented in **To-do List app, Login app** and **android**.

Android Development.

Used in **Applications Development**.

Implemented in: **To-do List app, Login app, WhatsApp clone** and daily practice.

Source Control.

Used in **learning** and **college** projects

Problem Solving.

Used in **developing constructive thinking**.

Implemented in: **Codeforces problems**.

REST APIs.

Used in **Android Development**.

Implemented in: **Login app**.

SQLITE.

Used in **Applications Development (Flutter and Android)**.

Implemented in: **Muzify** and **To-do List app**.

Flutter.

Used in **Applications Development**.

Implemented in: **Muzify**.

Basic Web Development.

Used in **First year summer training**.

Implemented in: **Pharaohs website**.

Certifications

2022-02	Certificate of honor for Flutter best project (1st).
2021-08	Certificate of honor for Structured Programming best project (top 5).
2022-03	Certificate of attendance for Git/Github source control workshop.
2022-02	Certificate of attendance for Flutter workshop.
2022-02	Certificate of completion for JavaSE development course.
2022-03	Certificate of completion for Android App development course.
2022-02	Certificate of completion for Database Fundamentals course.

Projects

Chat App: Java, Firebase, Design pattern (SOLID) and Android.	2022-3 to present (in development).
Chat application that mimics WhatsApp with its most important features (video calls, stories, one-to-one chat login and phone verification) Was made for college Data Structure curriculum.	
Muzify (Music player and downloader) app: Dart, Flutter, SQFLite, Python3 and Flask.	2022-2 to 2022-3.
Music player and downloader that has its own backend on local device as it queries YouTube through its URL and downloads the required song as mp3 without any Ads and 1 time download then it's possible to play the songs through built-in music player.	
To-do List app: Android, Java, SQLite3.	2022-2-12 to 2022-2-28.
Task managing app which facilitates taking notes and setting tasks.	
Flappy Bird game: C++, SFML. Flappy Bird remake with C++ and SFML library from scratch, game engine and graphics were also remade.	2021-3 to 2021-5.
Pharos website: HTML, HTML5, CSS, JavaScript, PHP and Apache. Website that shows Egypt's tourist attractions and scenic spots with the availability to book tickets in Egypt.	2021-7 to 2021-8.
Heart Disease Prediction models: Python3, Sickit-learn and seaborn libraries. Program that predicts heart failure based on medical tests with accuracies of 91%, 78% and 55% for Decision tree, KNN and multiple linear regression respectively.	2021-11 to 2021-12.
Blackjack game: Java, Swing. Blackjack poker game without bets or coins and with powerful GUI.	2022-12-04 to 2022-12-19.

Software Development Lifecycle.
General knowledge of **how software products are made**

Relational Databases.
Used in **Application Development**.
Implemented in: **Restaurant Management System, To-do List app** and **Pharaohs website**.

Research.
Able to **search** and **extract** information without previous knowledge.

Public speaking.
Used to **discuss projects, lecture**, and **handle customers** in earlier jobs.

Team collaboration.
Used to be **team leader** in college projects when I'm the best fit for and **collaborate** with colleagues and fellows in MSP.

English.
Professional level (Spoken and written).
Used daily in **studying fields, Communication** and **technical writing**