

Yousef Elkammar

I'm a Mobile Applications developer who loves building well architected applications. I'd love to combine my passion for learning and working with my software development skills to continue building personalized products for people.

Education

Advanced Android Nanodegree.

2022-Aug – Current.

Udacity.

- I Learn latest technologies by Google's experts such as **Data & View Binding, Clean Architecture, Design principles** (Motion layout, Canvas custom views and Property Animation) Google **maps** and **Testing**.
- Delivering **7 projects** to be reviewed by Udacity.
- Learning non-android skills like **Github, Agile** and **freelancing**.

Junior Computer Science B.Sc. (3.26 GPA)

2020-10 - Current

Faculty of Computers and Information Sciences - Ain Shams University.

- Awarded **Best Project** certificate for 22' midyear **Flutter** training.
- Awarded **best project (top 5)** for **Structured Programming** contest.

Extracurricular Activities.

Android Vice-Head.

2022-Oct – Current.

MSP-Tech Club -ASU, Cairo.

- Responsible for **25+ members** and **team leaders**.
- Responsible to **help, mentor** and **interview newcomers**.

Android member.

2021-Sept – 2022-Oct.

MSP-Tech Club -ASU, Cairo.

- Delivered **12+ tasks** and **5 projects**.
- Made comprehensive project that included all what we learned.
- Improved soft skills by lecturing and practice.

Mobile Development Trainee.

2022-Sept – 2022-Sept.

Orange Digital Center, AUC-Cairo.

- Learned Flutter advanced topics at one week.
- Delivered ODC's learning application.
- Ranked **first** among workshop **30+** of attendees.

Mobile Development Trainee.

2022-Aug - 2022-Aug

Faculty of Computers and Information Sciences, Ain Shams University.

- Collaborated with 2 colleagues to develop notes application.
- Practiced Java, SQLite, MVVM & Navigation component.
- Mentored colleagues to make them comfortable in Android development technologies.

Mobile Development Trainee.

2022-Feb - 2022-Mar

Information Technology Institute (ITI).

- Learnt Android development by ITI's experts through 5 courses.
- Developed my first application (Todoist) meeting ITI's requirements.

Mobile Development Intern.

2022-Feb - 2022-Mar

The Sparks Foundation, Remote

- Delivered a personal details app integrating Facebook and Google login.
- Reviewed more than 10 peers' tasks.

Contact

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LinkedIn

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Github

<https://github.com/RedBiscuits/>

Skills

Proficient in:

Java, Kotlin, Python and C/C++.

OOP.

Scored **A+** at college's curriculum.
Read **Head First OOAD**.

Design Patterns.

Singleton, Adapter, Factory, Builder and **Abstract**.

Architecture Patterns

MVC, MVP and **MVVM**.

Testing

JUnit, Mockito, Espresso.

Familiar with **unit, Instrumented** and **black box** testing

Source Control.

Github

REST APIs.

Using **Retrofit, Dio** and **Postman**.

Android app design.

Designing apps that **matches all screens** with latest **material design** widgets.

Familiar with XML, JSON and HTML.

Local Storage.

SQLite, SQFlite, RoomDB and **Caching**.

Threading and performance tuning.

Coroutines.

Flutter.

With **Dart**.

Software Development Lifecycle.

Relational Databases.

Oracle and **SQL**.

Research and analysis.

Projects

[Location Reminder](#) 2022-10 to 2022-10.
Kotlin, RoomDB, MVVM, Firebase, Notifications, Navigation Component, Google Material Design, Junit, Espresso and Koin.

A Single Activity application that signs the user in using FirebaseUI then displays his reminders, reminders are based on location using Google maps once he gets near that location a notification rings to remind him.

[Loading Status](#) 2022-9 to 2022-9.
Kotlin, MVVM, Retrofit, Custom Views, Canvas, Motion Layout, property animations and Google Material Design.

A Single Activity application that that offers user to choose from 3 download options by custom drawn button then displays a notification with download progress when clicked goes to details activity with download details.

[Carbon](#) 2022-3 to 2022-5.
Java, Kotlin, Firebase, Design patterns and Architecture Patterns (MVC and MVVM).

Chat application that mimics WhatsApp with its most important features (video calls, stories, one-to-one chat, login, RTC connection and phone verification)
Was made for college Data Structure curriculum.

[Notes](#) 2022-8 to 2022-8.
Java, SQLite, MVVM, Navigation Component, Google Material Design.

A Single Activity application that takes user notes and save them in local database made with Clean Architecture, View Binding, MVVM, SQLite and Google Material Design widgets.

[ODC Learning app](#) 2022-9 to 2022-9.
Dart, Flutter, SQFLite, DIO, MediaQuery and Cubit Bloc Management.
ODC’s application made in one week to display data from Orange’s backend and store notes in local database.

[Muzify](#) 2022-2 to 2022-3.
Dart, Flutter, SQFLite, Python3 and Flask.
Music player and downloader that scans local music and scraps new songs.

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 120hrs completion of **Android** development.
- 2022-03
Certificate of completion for **Android App development** course.
- 2022-02
Certificate of completion for **Database Fundamentals** course.

Volunteer Work

Computer Science Department Admin.
2022-Oct – Current.
FCIS-ASU, Cairo.

- Mentoring Computer Science groups while posting materials for everyone.
- Delivering students' demands to professors.
- Posting professors' announcements to students.

Registration Team Member.
2022-Feb – current.
ASU Career Center, Cairo.

- I was responsible for signing people in and registering them at ASUCC portal.
- Collaborated with other committees to organize a successful employment fair with 15,000+ attendees.

Soft skills

- Agile.
- Time Management.
- Public speaking.
- Leadership.
- Team player.
- Rational thinking.
- Self-Learning.
- Adaptability.
- Problem Solving.

Languages

- Arabic.
Mother tongue.
- English.
Professional level (spoken and written).
- French.
Basic level.