

# Ali Maher

IOS Developer

## CONTACT

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## SKILLS

- Problem Solving
- Git Version control
- Data Structure
- Algorithm
- AutoLayout/Storyboard
- Core Animation / Core Graphics
- MVC / MVVM
- Encryption and decryption

## LANGUAGES

- Swift
- Java
- Python
- C
- SQL

## Interests

- Machine Learning
- Augmented Reality
- Internet of Things



## About Me

I have always been passionate about the computers And how they work being able to do the thing that started it all is truly the goal here, Mostly i try to learn most of the programming languages i can to be able to understand it all , Maybe i didn't study software in my school days but now i'm trying to learn all the aspects i can of programming. started with web development a couple of years ago and continued now with Mobile development, The thing i'm sure i have is that i never back down from a task or problem i always find the way to fix what ever it is , I hope i can add to your company the value you are looking for, As i'm sure i'm gonna get the value i'm seeking from you...



## Professional Experience

2022/03 - Present **iOS Developer**

**Aqarmap.com**

- Adding new features to the application.
- Maintaining the app of any errors that appear within.
- Fixing the old code and build a new one on a clean

2021/06 - 2022/03 **iOS Developer**

**Flowtechtics**

- Writing unit tests to the existing app
- Making new apps for customers
- Working and updating existing apps
- Boosting Applications speed and improving overall apps performance

2020/10 - 2021/09 **iOS Developer - Part time**

**Display Social**

- Adding new features.
- Writing unit tests to the existing app
- Integrating the app with SDKs such as ZenDesk, Google Analytics, etc
- Converting the old Swift 3 to that latest tech and features used by Swift and Apple
- Maintaining the app of any errors that appear within.

2020/10 - 2021/03 **iOS Developer**

**ShipEgypt**

- Developing the company IOS Application
- Maintaining the application and fixing bugs
- Using core animation, core graphics and other tech while building both the companies applications

20/04 - 20/10

**iOS Developer**

**ElmatjrElfany Online Store**

- Developing the main company application
- Uploading the main application to the ios store
- Adding new features the application

2018 - 2020

**Software Developer**

**ElTahan American company for import &Export**

- Responsible of all software in the company
- Made the warhouse ios and android application
- Helped building the website of the company

## Education/Certificates

### **Introduction To Computer Science CS50 by Harvard University**

Cs50 got me the fill the missing parts of the right path to learn programming right by giving me a really up to perfect introduction to computer science with a good learning path of C programming language and after it comes python with OOP concepts and sql , data structure and Algorithms . memory management and more.

Reference : <https://cs50.harvard.edu/certificates/ad719ba3-26fa-4ba3-91cf-b8b377fa9c6c>

### **Introduction To Swift Programming University of Toronto By Coursera**

Learnt the basics of Swift programming language the syntax , protocols , generics and how to use the tools that is presented with Swift.

Reference : [coursera.org/verify/EVPL9UKTD4Z4](https://coursera.org/verify/EVPL9UKTD4Z4)

### **iOS App Development Basics University of Toronto By Coursera**

The basics of developing a real world application and how to integrate the language i learnt in the first course, how to deal with interfaces outlets , autolayout and more.

Reference : [coursera.org/verify/2GQPL5XAMS4K](https://coursera.org/verify/2GQPL5XAMS4K)

### **App Design and Development for iOS University of Toronto By Coursera**

An advanced topics about ios development and the designing of the real world apps

Reference : [coursera.org/verify/Y29FR2HM8BXU](https://coursera.org/verify/Y29FR2HM8BXU)

### **Algorithmic Toolbox University of California San Diego By Coursera**

Understanding the basics of how to make your algorithm more efficient and effective, Such techniques as Greedy algorithms , divide and conquer and dynamic programming.

Reference : [coursera.org/verify/MTATJKMK5HEA](https://coursera.org/verify/MTATJKMK5HEA)

### **Data Structures University of California San Diego By Coursera**

Understanding the data and how to structure them in a way that is effective and efficient

Reference : [coursera.org/verify/ZATBRDL8NTEY](https://coursera.org/verify/ZATBRDL8NTEY)

### **Programming for Everybody (Getting Started with Python) University of Michigan By Coursera**

Getting started with the basics of programming in python with a general aspects.

Reference : [coursera.org/verify/HKBF3ZM6793E](https://coursera.org/verify/HKBF3ZM6793E)

### **Web Application Technologies and Django University of Michigan By Coursera**

Starting with Django web applications how it works and how i can install a web server with it.

Reference : [coursera.org/verify/CAGXZDB2Z783](https://coursera.org/verify/CAGXZDB2Z783)

### **Business Administration Degree 2015 - 2020 Alexandria University**

## Projects

There is as many projects i made about lots of App features just to proof my experince in the field of IOS devalopment plus my knowledge of naitve android developing too, like net-working , tables , collections , Custume views , etc. But there is still on the app store two apps that you can find them blew, You may check them on W/W/W.AliMaher.Me . And check the other project on my github page.

### Aqarmap

One of the leading Search engines for searching for properties

1. UI Development: Design and implement user interfaces using Swift and iOS SDK, including views, layouts, and animations.
2. App Logic and Data Management: Write application logic, handle user input, process data, and integrate with web services or databases.
3. Testing and Debugging: Conduct thorough testing of the app, identify and fix bugs, and optimize performance.
4. Collaborate and Maintain Codebase: Work with a team, use version control systems, and ensure code quality through code reviews and documentation.

- App Store : <https://apps.apple.com/eg/app/aqarmap/id642633889>

### Display - Social media

A social media app that pays content creators based on users that supports them

- Developing new features.
- Unit tests the previous and the new modules of the current app
- Integrating the app with SDKs such as ZenDesk, Google Analytics, etc
- Converting the old Swift 3 to that latest tech and features used by Swift and Apple
- Maintaining the app of any errors that appear within.

- App Store : <https://apps.apple.com/us/app/display-social/id1496659967>

### Krafttopia - online handmade prodcuts store

An online handmade products store that connects craft makers to buyers that are willing to get this kind of products you may find the application examples on my site

### Port-Flash - shipping and delivery application for business

It's a delivery applications that helps employees to ship thier products with features like realtime tracking, products scanning you may find the application examples on my site

### AVFaceDetectionCam- SDK

AVFaceDetectionCam is an SDK that opens a camera and only take a picture if there is a human face on a realtime base and after that it returns the proccesed image to the original app that uses the sdk

- POD Link : <https://cocoapods.org/pods/AVFaceDetectionCam>

## Projects

### UITapableLabelView - SDK

Tapping in a part of a UILabel in swift is a bit tricky so if you are looking for making a terms and conditions clickable words or any other ideas that could help. It's not that hard of a library but i wanted to get through the process of making an sdk and publish it.

- POD Link : <https://cocoapods.org/pods/UITapableLabelView>

### ShipEgypt

ShipEgypt is an app the connects the shipper with the suitable shipping company for him with location services and other ways to make this long process easy, I have user google apis, core animation and MVC and many other techs in it.

- App Store: <https://apps.apple.com/us/app/shipegypt/id1549515671>

### Fettarm - Online store for Health products

Online store that offers health products to consumers that works with six languages, and products scanning and information about health and dite.

### AlmtjrAlfny

It's basically a Store Application based on Saude arabia that sells tech stuff on the market there that was built with Swift programming language with a backend of php that works with any OpenCart web Stores. You can find images of it in my site.

### KooraQ

It's an IOS & Android application that manages and provide users with football games that gets arranged from the admin and they can join them, it was built by Swift for IOS and Java for Android that works with backend Apis and other ios and android technologies.

- App Store: <https://apps.apple.com/us/app/koora-q/id1489228474?ls=1>

- Google Play: <https://play.google.com/store/apps/details?id=com.koora.kooraq>

### Content video creator

An app that creates a content using an integrated **phone** frame of your choice and and a video mostly a mobile screen video , a logo and a title and then it process all data to export a full video content of that.

- Github : <https://github.com/Ali0Maher/Content-video-creator.git>