



# Karen Mirakyan



26 July 1999



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github.com/KALIMI

## Skills

- Algorithms
- Data structures
- Android app development
- IOS app development

## Programming Languages



## Education

Russian - Armenian University (2017 - now)  
PHYSMATH High School (2014 - 2017)

## Language Skills

Armenian( Native )  
English( Fluent )  
Russian( Fluent )

## Tools, Frameworks, APIs, Libraries

**General:**  
• Git, MySQL

**Android:**  
• RxJava, RxAndroid, Realm  
• Retrofit, Glide, Gson  
• Firebase SDK  
• Android data binding library

**IOS:**  
• SwiftUI, Combine, Unit Testing  
• SDWebImageSwiftUI, Alamofire  
• WaterfallGrid, AlertX, FocusEntity  
• Firebase, Core Data, WidgetKit

## Experience

### Android

#### Horoscope - Hobby project

[Source code on Github](#) [App on Google Play](#)

World daily horoscope application  
Technologies used: Realm, Firebase, Google and Facebook sign in

2019 Jan- 2019 Dec

### IOS

#### FlyShop.am

[Source code on Github](#) [App on App Store](#)

Online fashion shopping platform that bridges online and offline shopping with an AR view of the products. Whole project is written in Swift/SwiftUI using MVVM design pattern.  
Technologies Used: SwiftUI, Augmented Reality, SDWebImageSwiftUI, AmeriaBank Payment Integration, Firebase Storage, Firebase Authentication, Firebase Firestore.

2020 Febraury - now

#### OnlinePrinting.am

[Source code on Github](#) [App on App Store](#)

Application that allows users to order printings directly form printing house, enjoy delivery, pay online. Whole project is written in Swift/SwiftUI using MVVM design pattern.  
Technologies Used: SwiftUI, Combine Framework, SDWebImageSwiftUI, IDram Payment Integration, AmeriaBank Payment Integration, Firebase Storage, Firebase Authentication, Firebase Firestore, Unit Testing.

2020 Oct - now

#### Upwork

Applications written in Swift/SwiftUI using MVVM design pattrer and Unit Testing.  
Technologies:  
Swift, Combine Framework, SDWebImageSwiftUI, Alamofire, Notifications, Socket IO, Unit Testing

2021 Jan - now

## Awards

### Competitive Programming

#### Republican Olympiad

Participated in the Armenian Republican Olympiad in Informatics

2015 - 2017

#### APIO

Participated in the International Olympiad in Informatics(APIO)

2016