

# Murat Merekov

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## EDUCATION

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**Nazarbayev University**  
*Bachelor in Computer Science*

Nur-Sultan, Kazakhstan  
*Aug. 2017 – May 2022*

## EXPERIENCE

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### IOS developer Intern

Dec. 2020 – Jan. 2021

*Chocofamily, Almaty*

- Built a Chocofood application
- Developed mobile app using **UIKit**, and for requests **RestAPI** was implemented with **URLSession**. Through the request coordinates was sent to backend by **CoreLocation**.
- Interface was designed with **UI programmatically** and **Xibs**. For massive amount of requests **Pagination** was applied to load by 4 data. Implemented a clean architecture **MVC** architecture pattern
- **Github link:** [github.com/kraken808/ChocofoodProject](https://github.com/kraken808/ChocofoodProject)

### IOS developer Intern

Jun. 2019 – Sep. 2019

*MethodPro, Almaty*

- Learned Networking: applied **Alamofire** for networking. Decoding **JSON** object with **Codable** protocol
- Learned Autolayout and designed UI programmatically and with StoryBoard.
- Developed a searching application that helps to find a basic information about particular country as well as Capital city and timezone
- **Github link:** [github.com/kraken808/CountrySearch](https://github.com/kraken808/CountrySearch)

## PROJECTS

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### ImageSearch, iOS Application

Jan. 2020 – Feb. 2021

- Built an application that allows to search images and detailed information about them.
- Learned and applied complex indexing which helped to perform wide range of requests. Code was written according to **SOLID principles**. Pagination was applied to load by 10 data. To inform user about loading process the **ActivityIndicator** was used. Implemented clean **MVVM** architecture pattern
- **Github link:** <https://github.com/kraken808/ImageSearchApp>

### Family, iOS Application

Sep. 2020 – Nov. 2020

- Built an application with Swift that helps to find members for joint purchases of subscription. For example, subscription for: Netflix, Apple Music, Udemy...
- Backed data by **Firebase Firestore**. Learned and applied complex indexing which helped to perform wide range of requests. Applied **MessageKit** for communications between users. Implemented **MVC** architecture pattern
- **Github link:** [github.com/kraken808/Family/tree/master](https://github.com/kraken808/Family/tree/master)

### Movie, iOS Application

July 2020 – Aug. 2020

- Taught myself **Swift** in 2 months and built an application that provides short information about movies, such as name, rating, descriptions, date of release.
- Implemented **URLSession** to parse data. **UserDefaults** and **NotificationCenter** was used to observe changes and save selected favourite movies.
- **Github link:** [github.com/kraken808/Movie-News](https://github.com/kraken808/Movie-News)

## TECHNICAL SKILLS

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**Languages:** Swift, C/C++, Java, Python

**Technologies and frameworks:** UIKit, AVFoundation, MVC, MVVM, CoreData, Firebase, SOLID principles, Alamofire, URLSession, CoreLocation, REST API, UserDefaults, Git

## ACADEMIC ACHIEVEMENTS

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**Top 6 out of 71** on International Asian-Pacific Mathematics Competition. **Bronze Medal**

**Top 12 out of 86** on International Silk Road Mathematics Competition. **Bronze Medal**

**Top 6 out of 48** on National Mathematics Olympiad. **Bronze Medal**

**Top 1 out of 25** on Regional Olympiad in Mathematics. **Gold Medal**