

# Salman Fakhri

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## Education

Rutgers University | B.S. Computer Science | Class of 2021

**Course work:** Computer Architecture, Data Structures, Discrete Math, Linear Algebra

**Clubs:** Rutgers Mobile App Development Club, Undergraduate Student Alliance of Computer Scientists

## Technical Skills

**Programming Languages:** Swift (Intermediate), Java (Intermediate), Javascript (Intermediate), Python (Beginner)

**Platforms:** iOS (Swift and ReactNative), Web (React.js, Node.js, Express.js)

**Tools:** Git, Bash, Linux, Docker

## Work Experience

Rutgers Open System Solutions, New Brunswick, NJ

January, 2018 - Present

iOS Developer - Official Rutgers University Mobile App

- Implemented bus tracking for arrival times on iOS using **MVVM** architecture
- Refactored Objective-C code to Swift and divided the app into modules using the **CocoaPods** framework for reduced compile time.
- Maintained app with **over 10,000 active users**

## Projects

VideoSync - iOS App

- Made an iOS App for realtime synchronized YouTube video streaming
- Used **Node.js** and **Express.js** for the backend along with **WebSockets** for emitting events
- Used **Swift** and **MVC** architecture for the front end

Unsplash Client - iOS App

- Made an iOS client for Unsplash's photos API with a Pinterest style Masonry layout
- Used the **Texture(Async Display Kit)** framework to preload data for smooth scrolling
- Used **Swift** and made a custom **UICollectionViewLayout** object for the Masonry layout

Safety Mobile - iOS App

- Made an iOS app to easily report safety hazards in oil rigs
- Used iOS camera SDK to make a snapchat-like interface and used **Firebase** as a backend
- Won **Best Exxon Mobile Hack** at HackHers 2017

## Activities/Leadership

Rutgers Mobile App Dev Club

November, 2017 - Present

Mentorship Program Manager

- Mentored members on iOS Development and career advancement
- Overlooked Mentor/Mentee relationships and used feedback to improve the program to be an invaluable experience for mentees
- Maintained alumni relations and organized trips to NYC for workspace tours and meet ups