

# Simeon Romyannikov

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## SKILLS

**iOS Development:** Swift, UIKit, AutoLayout - Programmatic & Storyboards, Combine, Firebase, CoreData & GRDB, CoreAnimation, CoreML, WebView, AVFoundation, MVC & MVVM patterns, Test Flight, MapKit, Collection View Compositional Layout.

**Data Science:** R, Python. Basic knowledge of SQL, Tensorflow.

**Web Development:** Basic knowledge of HTML, CSS, JS and React.

**General:** Git/Bitbucket, Source Tree, GitFlow, Github, UNIX Command Line, OOP & POP.

## EXPERIENCE & PROJECTS

### iOS Developer at CGI

Jan 2021 – Present

- Integrated quickly into the team by learning to use Bitbucket, Source Tree, GitFlow, JIRA.
- Learned Combine, GRDB, Clean Code Architecture, and MVVM enabling me to deliver updates to 3 apps.
- Adapted to Swift UI quickly, upgrading an internal mental help app using only 75% of allocated hours.
- Fixed an old video streaming app to be compatible with iOS 13, 14 and 15 in 20 days ensuring it stays live.
- Worked with lead iOS dev to build a new app designed for fisherman to log/share fish catches, search waterways on a map, view catch locations and upload profile/catch images. I worked with backend engineers to address API issues; QA to fix bugs; and addressed client queries during UAT.
- Utilised Build Configurations to manage delivery of Debug, UAT and Live builds.
- Used advanced debugging techniques like analysing test flight logs and instruments to solve low level bugs.
- Used new Compositional Layout Collection View to design complex layouts for multiple screens quickly.
- Used MapKit with clustering, annotations and map snapshots to build feature rich performant maps.

### iOS Developer Contract at Holistic Personality Start-up

Oct 2020 – Sep 2021

- Developed a prototype iOS dating app with instant messaging functionality using Swift, Xcode, and UIKit.
- Used Firebase Cloud, Storage and Authentication to create a scalable backend whilst keeping costs low.
- Wrote code to support messaging, photo and match information syncing with Firebase.
- Designed and implemented UI/UX, programmatically, utilizing components such as collection views.
- Incorporated unit tests, achieving 75% code coverage, to ensure a smooth user experience.
- Implemented and optimized a matching algorithm based on client specified personality tests.

### Sveiki: Flashcard Language Learning App | Published on App Store

May 2020 – Jan 2020

- Developed and published a flashcard app with a focus on animated images to make learning verbs easier.
- Incorporated a Tinder like card swiping UI to produce an intuitive card review experience.
- Implemented researched backed Spaced Repetition (SRS) algorithm to guide order of card review.
- Used Giphy API, Core Data, SDWebImage, Charts, WebView and AVFoundation.

## LEADERHSIP EXPERIENCE

### Founder and President of Finance and Technology Society

Feb 2019 – May 2020

- Assembled and led a committee of 13 students: chairing meetings, resolving conflicts and delegating tasks.
- Delivered over 20 presentations to incoming students as part of our fresher's week campaign resulting in 180+ paying members, over 2000£ in revenue and 700 plus followers on social media.
- Negotiated funding of £500 from Exeter Alumni Fund and developed partnership with IBM.
- Organised and supervised 19 events: discussion panels, workshops, socials and competitions.
- Inspired by student consultancies in Europe, I established and facilitated the **Exeter Consulting Project**. 55 students took part, presenting 10 solutions to our clients and partners.

## EDUCATION

### University of Warwick: MSc Business Analytics | with 25% Scholarship

2020 – 2021

- Key modules: Optimization Models, Advanced Analytics, Data Management, Advanced Data Analysis, NLP.

### University of Exeter: 1<sup>st</sup> Class BSc (Hons) Economics and Politics | with School Commendation

2017 – 2020

- Key modules: Advanced Mathematics, Futures and Options, Asset Pricing, Advanced Mathematics, Money and Banking, Macroeconomics, Microeconomics, Statistics.