

# Simeon Rumyannikov

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## SKILLS

**iOS Development:** Swift, UIKit, SwiftUI, Combine, Async/Await, MVC & MVVM, POP, Firebase, GRDB, CoreData, URLSession, Test Flight, XUnitTests.

**Web Development:** RESTful APIs, Python, Django, SQL, Docker.

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

## EXPERIENCE

### iOS Developer at CGI

Jan 2021 – Present

- Engaged in the full software development lifecycle, from problem analysis, solution design, to delivery.
- Worked with lead iOS developer to build a social media app for fisherman to log/share fish catches, search and view catch locations on maps, and upload profile/catch images.
  - Developed the user profile page and fishing log view by utilising the new composition layout API.
  - Used MapKit with clustering, annotations and map snapshots to build the waterway discover view.
  - Analysed test flight logs and used instruments to solve low level bugs.
  - Worked with web engineers to address API issues; QA to fix bugs; and clients during UAT.
- Fixed an old video streaming app to be compatible with iOS 13, 14 and 15 ensuring it stays live.
- Learned Combine, GRDB, Clean Architecture, and MVVM enabling me to deliver updates to 4 apps.
- Fixed a database issue in a ticket purchasing app, reducing the number of monthly crashes by ~95/99%.
- Integrated quickly into the team by learning to use Bitbucket, Build Configurations, GitFlow and JIRA.

### iOS Developer Contract at Holistic Personality Start-up | [view](#)

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.
- Designed UI/UX and implemented 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.

## PROJECTS

### Stock Chart Fundamentals App

Dec 2022 – Present

- To combine my passion for finance with my desire to accelerate my learning as a software engineer, I am developing a multiplatform app using SwiftUI, Charts, Async/Await with Django on the backend.
- Combined UICollectionViews with SwiftUI to create adaptable yet performant layouts.
- Built my own server and RESTful API with Django, Redis and Postgres, deploying it with Docker.
- Implemented a custom syncing algorithm to allow offline simultaneous multi device usage.

### Sveiki: Flashcard Language Learning App | [view](#)

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. 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.
- Established Exeter Consulting Project: 55 students presented 10 solutions to clients and partners.

## EDUCATION

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

2020 – 2022

- 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