

# Simeon Rummyannikov

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## SKILLS

**iOS Development:** Swift, UIKit, SwiftUI, Combine, RxSwift, async/await, MVC & MVVM, POP, Firebase, GRDB, CoreData, URLSession, Test Flight, XCTest.

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

**General:** Git, Source Tree, GitFlow, Github/Bitbucket, UNIX CLI, OOP, Data Structures & Algorithms.

## WORK EXPERIENCE

### iOS Developer at CGI

Jan 2021 – Present

*Played a key role in development of 2 new apps and rolled out 20+ updates across a portfolio of 8 distinct apps.*

- **Fishing Social Logbook App** – Developed the user profile page and catch log views using compositional layouts. Implemented MapKit with clustering, annotations, and map snapshots to create the waterway search & discover view. Successfully managed the UAT stage in collaboration with QA and clients, leading to the successful release of the first app version. Integrated StoreKit and server entitlement endpoints, enabling subscriptions and unlocking a new revenue stream for the client.
- **Food Produce Sample Collection App** – Built the networking layer using latest async/await tooling, ensuring a 100% test coverage. Used SwiftUI to create a homepage displaying scheduled upload samples and tracking upload progress. Worked with web developer to enhance and standardise the REST API, enhancing uniformity.
- **Trams Ticketing App** – Implemented a security update to stop fraudulent ticket sharing between users. Tracked and fixed a database issue reducing the number of monthly crashes by 95/99%.
- **Pets Retailer Apps** – Executed UI and bug fix updates for two apps serving a user base exceeding 2 million. Successfully navigated testing and addressed issues throughout the iOS 14, 15, and 16 release cycles.
- **Web Apps** – Delivered multiple updates to existing .NET web applications, including the apps I worked on as an iOS developer. Used Django/Docker/Azure to build a service as part of a new microservice architecture POC.

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

Oct 2020 – Sep 2021

*Developed a proof-of-concept iOS dating app with instant messaging functionality.*

- 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.
- Implemented and optimized a matching algorithm based on client specified personality tests.

## PROJECTS

### Visualizer for Company Finances iPhone & iPad App | [view](#)

Dec 2022 – Present

- Engineered a cross-platform app for visualizing 25+ data variables across 20 years for 6000 companies, featuring customizable charts and interactive tools, such as point selection, range selection, and scrolling.
- Built the mobile app using SwiftUI and UIKit with Async/Await. Implemented the backend with Django, PostgreSQL, and Redis, creating a RESTful API with caching. Deployed the entire system with Docker on Azure.
- Designed a syncing algorithm for offline simultaneous multi-device usage, sharing insights on Medium.

### Auto Layout Constraint Builder Library | [view](#)

Nov 2022 – Dec 2022

- Developed an open-source Auto Layout constraints DSL Library, documenting the process on Medium and YouTube.
- Used Result Builders to create an intuitive SwiftUI like API for specifying constraints.

### 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.

## LEADERSHIP EXPERIENCE

### Founder and President of Finance and Technology Society

Feb 2019 – May 2020

- Formed and led a committee of 13 students, orchestrating the execution of 19 events throughout the year.
- 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.
- 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