Simeon Rumyannikov

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SKILLS

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

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.
- Learned Combine, GRDB, Clean Architecture, and MVVM enabling me to deliver updates to 4 apps.
- Fixed an old video streaming app to be compatible with iOS 13, 14 and 15 ensuring it stays live.
- 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/UIKit 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 Postrges, deploying it with Docker.
- Implemented a custom syncing algorithm to allow offline simultaneous multi device usage.
- Heavily used SwiftUI Charts to display financial data and async/await to interact with the server.

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: 1st Class BSc (Hons) Economics and Politics | with School Commendation   2017 – 2020