Simeon Rumyannikov

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SUMMARY

Software Engineer with a postgraduate degree in Analytics and experience using object-oriented programming languages, cloud backend development, unit-testing, version control software Git/Github and working with 3rd party Frameworks & RESTful APIs.

SKILLS

Proficient: Swift, R, Python, iOS SDK, Firebase Cloud, Git, Object Oriented Programming (OOP).
Worked With: SQL, Tenserflow, Flask, HTML, CSS, JS and React.

EXPERIENCE & PROJECTS

iOS Developer for Holistic Personality Start-up   Oct 2020 – Aug 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.

Other Projects

- Twitter Sentiment Analysis **iOS App** which uses Twitter API to fetch most recent tweets for any given user query and outputs a sentiment score based on a model trained with Apple's CoreML framework.
- Weather **iOS App** with city search functionality.
- Cryptocurrency price tracking **iOS App** utilising Coinbase API to fetch most recent crypto prices.
- Shortest pathfinder algorithm visualiser **React** web application.
- Neural net powered touch-typing practice **React/Flask** application for programmers.

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.
- Developed a web tool; *"Grade-Search"*, boosting organic traffic to the society website by 40%.

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: 1st 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.
- **University of Bocconi** (Summer 2019): Equity and Venture Capital (28/30)

St. Martin's College, Malta   2009 – 2016

- Maltese A-levels, scale from A to E: Pure Mathematics (C), Economics (A), Physics (C), Russian (A)