**Simeon Rumyannikov**

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<https://www.linkedin.com/in/simeon-rumyannikov/> | https://simeonrumy.github.io/Portfolio/

**SKILLS**

**Proficient:** Swift, R, Python, iOS SDK, Firebase Cloud, Git, Object Oriented Programming (OOP).

**Worked With:** SQL, Tenserflow, Flask, HTML, CSS, JS and React.

**WORK EXPERIENCE**

**iOS Developer at 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.

**Student Ambassador at University of Exeter** **Jan 2017 - Jun 2017**

* Conducted campus tours, supported campus visits from schools, delivered workshops in schools and helped to run Open Days and Offer-Holder Visit Days among others.

**PROJECTS**

**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 nested collection and tables view to construct complex hierarchical UI elements.
* 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)