

Experience

Bank of America – Technology Intern

June 2020 – September 2021

- Eliminated task repetition for users by up to 100% by bulking similar tasks.
 - Reduced processing time by 70% by implementing multithreading for heavy request loads.
- Improved client-side (**Angular**) loading time of complex objects by implementing predictions based on the user's segment and previous activity.
- Designed an end-to-end workflow to automate report generation triggered by multiple scenarios across 30+ services.
- Reduced database issues and dependency on administrators by 100% by integrating CI/CD for script deployments.
- Maintained and refactored dozens of **.NET/.NET Core** microservices and web API's.

Education

King's College London

September 2018 – June 2022

- Computer Science with Management & Year in Industry BSc

Projects

Recommender system – Python

- Item-based collaborative filtering for events.
- Semantic search engine.

Charty – React, .NET Core

- Analytics tool to fetch stock information and pass it to Perspective, a browser-friendly data streaming C++ engine.

Portfolio manager platform – Angular, Flask

- Look up, track and compare real time and historical prices of any stock.

Fitmate – Angular, Swift

- iOS app. Workout tracker and meal logger.

Pintro – React Native, AWS EC2, S3 and Lambda

- University group project.
- Cross-platform social network to connect people with similar professional interests. Includes geo-service to detect nearby users, instant messaging service, friend requests and a feed with posts.

Leadership, awards, and hobbies

Kickstart London Finalist

October 2018 – March 2019

- Created Wellyou, a medical startup focused on social prescription, as part of an accelerator. Got transferred to a charity after demo day.

Capgemini Consulting Cup Finalist

December 2018

- Built an OKR for a company based on a case study, using DACI and RACI matrices for organisation.

Oxford Hack – React, Firebase, Azure, Twilio

November 2019

- Developed, along with 3 other teammates, a board to connect client and company, aiming to replace email chains by posting any type of content in a customizable interface.

J.P Morgan Hack – React, Flask, Pandas (Python)

November 2019

- Built a program to understand levels of mental health, organisational culture and self-confidence of user based on their sentences.
- Fed the output to a data visualization tool, consisting of dynamic graphs.

Ionic Framework – Community contribution – Angular, Vanilla Javascript

April 2020

- Proposed a solution to embed Musickit JS in Capacitor, an Ionic project that allows web apps to run natively in iOS and Android.