

Jayson Yan

jaysonyan.me
jaysonjyan@gmail.com
github.com/Jaysonyan
linkedin.com/in/jayson-yan

Skills

Languages: Python, C++, Java, JavaScript, Kotlin, Swift, HTML/CSS
Frameworks: Node.js, React, RxJava, Jekyll, jQuery

Experience

Software Developer | Vouchr

Jan-Apr 2019

- Added backend resource with **Java/Spring** to support deleting assets from **AWS S3** and efficiently store media
- Restructured Android platform's payment architecture in **Java** and **Kotlin** to allow client defined payment types and support thorough integration with partners
- Refactored legacy code to adhere to an **MVP design pattern** streamlining performance and communication between modules
- Overhauled documentation website with **Jekyll** and added multiple reusable UI components

iOS Developer | Clearbridge Mobile

May-Aug 2018

- Worked on team of 4 to deliver the MyTeams app for NBC Sports with over **500 000 downloads**
- Architected full push notification system in **Swift** with support for urban airships
- Built out in-app sharing feature with deep linking functionality
- Added multiple video player features including a mini-player and controls menu

Projects

ShowTracker

- A chrome extension allowing users to track show progress across different streaming platforms
- Added ability to recognize over 20 000 shows by utilizing the TMDB API with **JavaScript**

Color Me Creative

- A web application that allows users to turn their uploaded pictures into a paint by numbers game
- Built out full backend service in **Node.js** to allow users to upload images and toggle difficulty
- Developed frontend UI with **HTML/CSS, JavaScript, jQuery**

Reading Cyborg

- Amazon Alexa skill built with **Node.js** that reads short stories to you on request
- Built short story web scraping and processing script with **Python** and BeautifulSoup
- Stored short stories on **AWS S3** buckets and queried through Alexa App

Education

Honours Software Engineering, University of Waterloo
Presidents Scholarship, Carl A. Pollock Engineering Scholarship

2017-2022