JAYSON YAN

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Skills

Languages:	Python, JavaScript, Java, C++, Kotlin, Swift, HTML/CSS
Technologies:	Node.js, React, MongoDB, GraphQL

Experience

Full Stack Developer | TimeSaved   Sept 2019-Present

- Currently spearheading development of mobile API for flagship app, in **Node.js** and **MongoDB**
- Built out filtering system for API to differentiate client and test accounts for improved user experience and accurate dashboard analytics

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 for flexible client integration
- Refactored legacy code to adhere to an **MVP design pattern** streamlining communication and improving performance between modules

iOS Developer | Clearbridge Mobile   May-Aug 2018

- Worked on team of 4 to deliver the MyTeams app for NBC Sports with **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

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 Beautiful Soup
- Stored short stories on **AWS S3** buckets and queried through Alexa App

Education

Honours Software Engineering, University of Waterloo   2017-2022
Cumulative Average: 81%