

# Kyle Koshiyama

P. 408-834-5186 [Email](#) [LinkedIn](#) [GitHub](#)

**SKILLS** React.js, Jest, MongoDB, JavaScript, Python, jQuery, Ruby on Rails, Redux, Git, Jenkins, 3T, Jira, Confluence, AWS

## EXPERIENCE

### Software Engineer In Test

*FloQast*, September 2021 - May 2022

- Authored application specific automated testing software in order to test both happy paths and edge cases in order to maintain the team's regression which was responsible for every addition to the live in use product
- Maintained quality standards by merging updates to the application's core functionality, schema and cross server consistency in order to ensure minimal errors in production as well as continued iteration of the business at scale
- Coordinated with the quality engineering team in order to maintain cross platform functionality and stability of the automation server, which functioned as the main internal server that wasn't directly used for commercial purposes

### Full Stack Software Engineer

*Photon Commerce*, April 2021 - July 2021

- Collaborated with the CEO and project manager to create AWS S3 backup systems on other cloud platforms such as Google Cloud, while building automatic memory management
- Led process quality and assurance component maintenance for several integral functions on the companies' development stack. Pushed changes and developments from the test servers to the main Flask/Django platform
- Authored Natural language processing research while conducting several tests on various libraries in order to build out a model to classify Proper Nouns for shipping and invoice labels

### Quantitative Scientist Research Intern

*Principal Financial Group*, May 2018 - August 2018

- Collaborated with the Chief Investment Officer in the construction of a short term trading model, involving machine learning, in order to capture 150 basis points of the investment funds slippage loss
- Led process examinations with multiple Portfolio Managers in order to outline an associative artificial intelligence systems involving natural language processing and textual analytics
- Authored a white paper outlining a liquidity factored short term trading-model by examining technical analysis and implicit trading inefficiencies in order to ensure the project acquisition

## PROJECTS

### Kickstarter Clone

[Live](#) | [Github](#)

*A Clone of the popular crowdfunding platform that allows entrepreneurs to acquire capital for expenditure*

- Implemented a Ruby on Rails backend using a Postgres database, in order to allow users to sign up, login and logout, as well as create and update projects that incorporates one way password encryption using BCrypt
- Created several presentational components as well as their containers in order to add categorical filtration and accessibility to specific projects, providing users the option to back a project or make requests for data
- Developed fully functional navigation and near pixel perfect CSS providing users the ability to successfully navigate applications that were built using React, Redux, and backend associations for user and project models

### BallUp

[Live](#) | [Github](#)

*MERN stack application that allows users to search for and create local pick up games*

- Implemented a MERN stack using a non-relational Mongo database, Express and Node JS, in order to allow users to sign up, login and logout, as well as create and update games.
- Developed an interactive map using Google Maps API in order to allow users to find a court near them based off of their geolocation and place a pin component that allows other users to easily find the location of an upcoming game
- Fully functional navigation in conjunction with CRUD functionality, built using react and redux on the front end, as well as a custom API that incorporates one way password encryption

## EDUCATION

**App Academy** - Immersive software development course with focus on full stack web development (Summer 2020)

**University Michigan Ross School of Business @ Ann Arbor** - BBA w/ emphasis Finance (Spring 2019)