

Kevin Kusky

Software Engineer

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Technologies React, Redux, Ruby on Rails, jQuery, git, heroku, node.js, webpack, express.js, AWS, three.js, postgresSQL, MongoDB

Languages JavaScript, Ruby, SQL, Mongoose, HTML5, CSS3

Projects

YubeToo (Rails, React, Redux, AWS, HTML5, CSS3)

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

A clone of the popular video hosting site, YouTube, built in 2020 with user, video, comments, and liking features

- Built authentication system based on model-level session-based validations on the back end and a dedicated session slice of redux state on the frontend enabling users are able to create an account, login, and sign out
- Leveraged auth system and React-Router library to create protected routing for CRUD operations limiting a user's control over entities associated with their user id
- Utilized Rails polymorphic association pattern, ensuring DRY implementation of features including 'commenting,' 'liking,' and 'disliking' a variety of entities (i.e: comments on videos and comments on comments)

GetSet (FrontEnd Lead - MongoDB, express.js, React, node.js)

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

A picture comparison game utilizing a team built MERN stack; users can create challenges, participate in hunts, receive and review scores

- Employed Axios library to make http requests to and return data from the backend to thunk actions responsible for triggering Redux updates and, in turn, rerender components with up-to-date data
- Constructed the look and animations with careful HTML class naming conventions and SCSS-based styling to translate intention of constructed wire-frames into dynamic, responsive user interface (UI)
- Incorporated ternary logic into component rendering to reflect state-based styling within react components solving the issue of handling multiple possible compositions of state for select components

HoldingHands (In Progress Project - JavaScript, three.js, WebAudio API, HTML5)

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

A single-page environment which randomly renders, moves, and plays a song, utilizing song data to influence the background environment

- By implementing a modal landing page, visitors will be able to select a song, supported by the WebAudio API, which will inform the subsequent environment to be rendered
- Utilizing three.js materials with an image file, 'space' environment renders and moves within bounds of specified parameters
- Will employ post-processing effects informed by song data parsed with the WebAudio API to inform 'living' environment

Experience

Licenses expire April 2022 - Series 7, Series 24, Series 66

Strategies for Wealth New York, NY

June 2018 - March 2020

Agency Control Officer

- Supervised the 100 registered representatives housed and detached from NYC OSJ, continually receiving the highest Park Avenue Securities (PAS) exam rating for supervisory program and controls implemented
- Successfully tightened and improved controls in several top producing detached offices by conducting annual unannounced and announced reviews and working with the Person-in-Charge of each location to uncover areas of improvement
- Annually achieved highest area completion metrics in all Guardian and PAS initiatives, successfully implementing training of registered staff, highlighting regulatory trends, and ensuring completion annual compliance requirements for producers

Maxim Group LLC New York, NY

May 2014 - June 2018

Prime Brokerage Principal

July 2017 - June 2018

- Ensured clearing of client away trades by overseeing end-of day trade bookings as well as resolving any away-side discrepancies in both International and American markets and currencies
- Improved client communication by centralizing resources for such issues as trades, billing, and account reporting
- Addressed and resolved all compliance or regulatory inquiries directed or related to clients of the Prime Brokerage department

Compliance Associate

November 2015 - July 2017

- Provided subject matter expertise to in-house software engineer, as well as paired-programming leading to the creation and implementation of firm-element continuing education software distributed firm-wide
- Reduced false-positive hits for email review by 10% after improving firm's internal lexicon filter utilized by Global Relay

Operations Associate

May 2014 - November 2015

- Acted in concert with producers and compliance to ensure both timely processing as well as adherence to firm policy, including review and release of Fed Fund wire and ACAT assets, as well as facilitating the opening of customer accounts

Education

App Academy New York, NY

July 2020

Intensive 1000+ hour software engineering course with a 3% acceptance rate

Adelphi University Garden City, NY

May 2012

Bachelor of Science, Mathematics (coursework includes: discrete structures, mathematical modeling, computer programming)