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, PostgreSQL, MongoDB

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

Licenses
Expires - April 2022: Series 7, Series 24, Series 66

Projects

YubeToo (Rails, React, Redux, AWS, HTML5, CSS3)   Live Site | Github
A clone of the popular video hosting site, YouTube, where visitors can search and watch videos; users can upload, comment, like, and dislike content
- 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 controle to their own 'videos'
- Utilized Rails polymorphic association pattern to ensure DRY implementation of 'commenting,' 'liking,' and 'disliking' a variety of existing and future entities (i.e: comments on videos and comments on comments)

GetSet (Front-End Lead - MongoDB, express.js, React, node.js)   Live Site | Github
An original picture comparison game utilizing a 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, 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, 'galactic' environment renders and moves in line with specified parameters
- Will employ post-processing and the WebAudio API to rely on song data to inform 'living' environment

Experience

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 myself as the resource for issues concerning trades, billing, and account reporting
- Supervised and mentored service team of four, leading to seamless client integration and fostering autonomy to support client requests, and 5 licences gained amongst team members
- 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
- Investigated and coordinated responses to FINRA and SEC inquiries including retail and institutional accounts

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)