

TJ McCABE

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

SKILLS React.js, Redux, JavaScript, Node.JS, Ruby, Rails, SQL, HTML, CSS, Git

PROJECTS

Meticulist | (*React / Redux, Ruby, Rails 5, PostgreSQL, AWS*)

[Live](#) | [GitHub](#)

A single page productivity app that gives visual structure to projects & tasks, modeled after Trello

- Engineered an efficient drag-and-drop methodology with React, Redux, and PostgreSQL, producing a responsive user experience by minimizing database calls and optimistically rendering updates before saving to the database
- Integrated Unsplash's API to provide users with a more customizable experience when creating site assets
- Connected Rails backend to AWS S3 for image storage, imposing a size limit to reduce latency and storage cost

DistanSing | (*React, Express, MongoDB, Node.JS, Axios, AWS, PeerJS, Socket.IO*)

[Live](#) | [GitHub](#)

A streaming site for artists to host virtual events on the scale of in-person concerts

- Designed a dynamic front-end / back-end framework utilizing React, Socket.IO, and PeerJS to enable large-scale live streaming and chat functionality
- Implemented two concurrent types of user authentication using JSON Web Token, MongoDB / Express, and React modal components, allowing visitors to register as either a user or an artist, each with its own functionality
- Instituted a search feature by utilizing Regular Expression matching of user input to improve User Experience

Baconizer | (*D3.js, Node.JS, JavaScript, HTML5, CSS3*)

[Live](#) | [GitHub](#)

An interactive game for generating actor & movie chains, based on the 6 Degrees of Kevin Bacon parlor game

- Created the game's core visual structure by leveraging SVG elements in D3.js to build a force-directed graph of all links to any particular movie or actor
- Built custom game logic using JavaScript and Node.JS that manages the current state of play and gives live updates about current progress with every move
- Devised a BFS algorithm that finds the best possible next move, opening the door for hints / guided gameplay

EXPERIENCE

Centercode, Laguna Hills, CA

Customer Success Manager / Customer Validation Program Developer

Dec 2017 - Nov 2019

Test Manager - Verizon

Oct 2016 - Dec 2017

Tester Lead

Feb 2016 - Oct 2016

- Established and managed the continued success of over 30 individual Customer Validation programs for predominantly Fortune 500 companies, including on-site company onboarding, quarterly business reviews, and annual program audits
- Collaborated with Centercode's Engineering & QA teams on a daily basis, using an agile approach to identify and track hundreds of monthly bug reports & feature requests from Centercode clients in JIRA
- Directly managed the account of Centercode's largest Customer Validation Services client in terms of revenue and scope, advising their CX (Customer Experience) Team as well as dozens of individual product teams

Barnes & Noble Booksellers, Aliso Viejo, CA

May 2014 - Feb 2016

Digital Sales Lead

- Directed Nook sales, customer service, & inventory, continually coaching over 20 booksellers in digital sales
- Led monthly in-store promotional events for digital products, acting as B&N's representative to the public

EDUCATION

App Academy - *Immersive software development bootcamp with an acceptance rate under 3%, 2020*

University of California, Los Angeles - *BS Economics, 2014*

DISTINCTIONS

Certified Associate in Project Management - *PMI Institute*

Eagle Scout - *Boy Scouts of America*