

Ivan Kwong

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

SKILLS

Ruby, Rails, JavaScript, React.js, Redux.js, PostgreSQL, MongoDB, Express.js Node.js, SQL, D3.js, Git, HTML5, CSS3

EDUCATION

App Academy - Immersive software development course with a focus on full stack web development (<3% acceptance rate) (Spring 2019)

University of California @ Los Angeles - BA - *Sociology with a Specialization in Computing* (Spring 2018)

PROJECTS

Worldflix - (PostgreSQL, Ruby on Rails, React.js, Redux.js, Javascript)

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

A clone of Netflix with scenic videos from around the world.

- Formulated an asynchronous algorithm that utilizes setTimeout and React's setState method to generate a typing simulation for demo login
- Designed a smooth horizontal scrolling and hovering effect on images with CSS3 (WebKit-scrollbar) and HTML5 for the user to easily browse and play different movies
- Applied a joins table with ActiveRecord and PostgreSQL to allow users to add and remove movies from their list

Show Me - (D3.js, Axios, Javascript)

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

An interactive data visualization for any TV show.

- Created a sunburst chart with D3.js by calculating the arc and depth for each slice of information
- Built an asynchronous/await function that makes external API calls with Axios by adjusting the query string to include the user's input
- Formatted the JSON data received from API calls in a hierarchical manner (parent & children relationship) for it to be in accordance with the D3 chart

Workable-Jobs - (MongoDB, Express.js, React.js, Node.js)

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

A job searching website that parses resumes and finds applicable jobs.

- Implemented a resume parser that iterates over the words in the resume and finds matching keywords in our database, which in turn is used for an API call that fetches related jobs
- Constructed a remote file upload with Multer in Node.js on the backend server to temporarily store resumes
- Developed a search functionality that finds jobs based on the user's input of a location by making an API call with the input

EXPERIENCE

Research Assistant

Center for the Digital Future at USC Annenberg, Jan 2018 - Jun 2018

- Built comprehensive charts in Excel for The Future of Money and Banking Report (April 2018)
- Created infographics for Digitalcenter.org's and University of Southern California's "USCNews" web pages
- Researched and analyzed two separate studies around Fintech disruption within the banking sector as well as social media's impact on ethnic and religious conflict