

Ivan Kwong

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[Portfolio](#)

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EXPERIENCE

Backend Engineer - [Node.js](#), [MongoDB](#), [RabbitMQ](#), [Jenkins](#), [Docker](#), [Kubernetes](#), [AWS](#)
August Home, Aug 2019 - Present

- Incorporated gRPC into our services that involve entry code management so they can efficiently and securely communicate with each other
- Migrated our communication around access information for Airbnb users to Airbnb's messaging API to enhance the integration experience
- Created a new CRUD feature to remotely operate RFID credentials for our partners so they can manage their property access via our API

SKILLS

JavaScript, Node.js, Express.js, MongoDB, Jenkins, Docker, Kubernetes, AWS, Ruby on Rails, React.js, Redux.js, PostgreSQL, SQL, D3.js, HTML5, CSS3

EDUCATION

App Academy - Immersive software development course with a focus on full stack web development (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](#)
A clone of Netflix with scenic videos from around the world.

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

- 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

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 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

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