

Kelvin Cho

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SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, Express, Node.js, React.js, Redux, MongoDB, PostgreSQL, Git, HTML5, CSS3, AWS

WORK SAMPLES

Hallyu

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

A single-page music web application utilizing a Ruby on Rails backend with a React/Redux frontend that allows users to create personalized favorite stations through likes/dislikes.

- Converted the HTML5 audio tags into a custom media player using a React/Redux architecture to store media player state.
- Integrated AWS using the Paperclip gem to host music and allow users to upload/store their images.
- Implemented dynamically changing seek bar and volume bar by combining React lifecycle methods with CSS styling.

Dos

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

Dos is a reimagined version of the classic card game, Uno. Written in JavaScript, styled with HTML/CSS and bundled with Webpack.

- Modularized program structure to ensure DRY code by incorporating the Webpack library.
- Crafted my own shuffling algorithm to randomize the deck order.
- Manufactured custom animations by merging keyframes and DOM manipulation with event listeners.

Recruited

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

A collaborative full-stack application designed to connect job seekers with job recruiters. It aims to combine the practicality of Indeed.com with the functionality of Tinder. Assembled using MongoDB, Express, React/Redux, Node.js (MERN) stack.

- Leveraged Google's authentication process with the OAuth protocol to introduce access control for the application.
- Structured application to utilize a frontend server along with a backend server simultaneously to reduce computational stress and double the loading speed.
- Improved job-matching algorithm by researching and seeding popular words into a server-side keyword bank.

EXPERIENCE

Card Scheme Compliance Supervisor

Paysafe Group, PLC

Mar 2014 - July 2017

- Developed web scraping tool using Python to track merchant website changes across portfolio.
- Devised and administered new billing practices through manipulating Excel spreadsheets and managing a SQL database to generate over \$800,000 in annual revenue.
- Drove monthly completion rate for merchant website compliance from 42% to 100% through mastering new monitoring tools such as G2 Persistent Merchant Monitoring.
- Recruited, trained and supervised over 5 full-time Compliance Analysts.

Compliance Analyst

Meritus Payments Solution

Nov 2012 - Mar 2014

- Effectively communicated bank requirements to resolve merchant non-compliance; used tact to prevent and defuse confrontational situations.
- Interpreted and applied card association guidelines for auditing merchant websites to prevent potential bank fines leading up to \$200,000.
- Satisfied attorney subpoenas through sorting and analyzing hundreds of documents using a binary search algorithm.

EDUCATION

App Academy (Dec 2017 - Feb 2018)

Intensive 1000-hour software development course with <3% acceptance rate focused on fullstack web development.

University California @ Irvine (Sep 2007 - Jun 2012)

BS - Quantitative Economics