

# Kelvin Cho

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[kelvin-cho.netlify.com](https://kelvin-cho.netlify.com)

## SKILLS



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

## PROJECTS



### JSG-Flashcards

Full Stack Developer | [Live Site](#) | [Github](#)

A semi-original flashcard web application designed to make studying easier. Built using Ruby on Rails and React.

- Constructed a dynamic search bar by pairing a custom ActiveRecord route with SQL's ILIKE operator.
- Transformed payload text into markdown text for dynamic styling. Sanitized output to prevent XSS attacks.

### Dos

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

A reimagined take on the classic game, Uno. Written in JavaScript, styled with HTML/CSS and bundled with Webpack.

- Incorporated the Webpack library to modularize program structure and maintain an OOP paradigm for readability.
- Manufactured custom animations by merging keyframes and DOM manipulation with event listeners.

### Hallyu

Full Stack Developer | [Live Site](#) | [Github](#)

A single-page music web application utilizing a Ruby on Rails back-end with a React/Redux front-end.

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

### Recruited

Back-end Developer | [Live Site](#) | [Github](#)

A collaborative job matching full stack application assembled using MongoDB, Express, React/Redux and Node.js.

- 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 to double the loading speed.

## EXPERIENCE



### Card Scheme Compliance Supervisor

Paysafe Group, PLC

Irvine | 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 mastery of G2's PMM.
- Recruited, trained and supervised over 5 full-time Compliance Analysts.

### Compliance Analyst

Meritus Payments Solution

Santa Ana | 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.

## EDUCATION



### App Academy

San Francisco | Dec 2017 - Mar 2018

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

### University of California, Irvine

Irvine | Sept 2007 - Jun 2012

Bachelor of Science, Quantitative Economics