Patrick Kovach-Long

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Projects

FoxNote - React, Flux, Rails, PostgreSQL.   Live | GitHub

React/Flux note-taking app with a UX focus.

- Integrates React frontend with Rails backend through a RESTful JSON API.
- Provides rich text with the React Quill library allowing users to customize notes.
- Uploads user avatars to AWS S3 with Paperclip to optimize load time.

ScrambleGram - JavaScript, CSS3.   Live | GitHub

Quick-fire browser game to unscramble words before time runs out.

- Updates screen dynamically with CSS3 keyframe animations.
- Leverages the Fisher-Yates Shuffle algorithm for linear time re-ordering.
- Ensures an optimized experience across screen sizes with a mobile-first design.

wisDom - JavaScript.   GitHub

Featherweight library for essential web API methods.

- Abstracts browser DOM manipulation API into friendlier JS objects.
- Improves server response time with only 8kb required.

Chess - Ruby.   GitHub

Playable console chess.

- Adheres to rigorous Object-Oriented Design methodology.
- Breadth-first search algorithm traverses move tree for valid moves.

Skills

Ruby JavaScript Rails React Flux jQuery AWS CSS SQL Git

Experience

2U, Inc.   2015-2016

Web Administrator

- Constructed graduate level course layouts using HTML, CSS, and Photoshop.

TheaterMania.com   2013-2015

Online Audience Development

- Coordinated site overhaul from ColdFusion to Drupal to improve user experience.
- Built partnerships with NY Yankees and Barclay's Center, increasing sales by 15%.

Education

App Academy   2016

Intensive full-stack web development

- focused on best-practices, algorithms, and pair programming. 3% acceptance rate.

UCLA   2004-2008

Bachelor of Arts, Theater

- Dean's Honors List on 6 separate occasions.