

PATRICK KOVACH-LONG

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PROJECTS

FoxNote

[Live | Code](#)

React, Flux, Rails, PostgreSQL

Note-taking app with a UX focus inspired by Evernote

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

ScrambleGram

[Live | Code](#)

JavaScript, CSS3

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

- Leverages the Fisher-Yates Shuffle algorithm for linear time re-ordering.
- Ensures an optimal experience across screen sizes with a mobile-first design.

wisDom

[Code](#)

JavaScript

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

[Code](#)

Ruby

Playable console chess with advanced moveset

- Adheres to rigorous Object-Oriented Design methodology.

SKILLS

Ruby

Rails

JavaScript

jQuery

React.js

Flux

SQL

Git

AWS

CSS

HTML

EXPERIENCE

2U, Inc., 2015-2016

WEB ADMINISTRATOR

- Built graduate level course layouts online to improve student comprehension.

TheaterMania.com, 2013-2015

ONLINE AUDIENCE DEVELOPMENT

- Forged partnerships with NY Yankees and Barclay's Center increasing sales 15%.
- Oversaw site redesign from ColdFusion to Drupal for improved user experience.

EDUCATION

App Academy, 2016

Full-stack web development intensive

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

UCLA, 2004-2008

Bachelor of Arts, Theater

- Named to the Dean's Honors List on 6 occasions.