Kevin Tung

Software Engineer / Full Stack Developer

P. 917-858-8426   Kevinkevintung@gmail.com Portfolio LinkedIn   GitHub AngelList

SKILLS   React, Redux, Ruby, Rails, JavaScript, Redux, jQuery, MongoDB, Mongoose, SQL, Webpack, Heroku, Git, HTML, CSS

PROJECTS

Bored-Room   Live Site | GitHub

A board game web platform to connect players using: Mongo, Express, React/Redux, Node, Socket.io
- Engineered the frontend game design and animation by creating a queue system for HTTP requests which improved the user experience by simulating real life interaction with board game pieces.
- Designed all games to follow the state design pattern, which makes it easier for developers to incorporate future games.
- Used JavaScript to create four different stages of friend requests in MongoDB that allowed users to request, accept, and block friendships.
- Managed and collaborated with a team of 2 other engineers as project lead by overseeing our GitHub workflow, reviewing all pull requests, and creating timelines and assigning tasks for all features.

Relay   Live Site | GitHub

A Slack clone using: Rails, React/Redux, Action Cable, PostgreSQL, JavaScript, HTML, CSS
- Implemented real-time chat messaging and updates by using websockets via Rails Action Cable.
- Removed heavily repeated code by leveraging polymorphic associations which allowed messages to belong to channels, groups or direct messages.
- Used a combination of CSS and JavaScript to construct draggable divs that would resize the sidebar and chat windows for a more responsive web design.

Can I Canvas?   Live Site | GitHub

A JavaScript webapp to teach beginners the Canvas API/library using: JavaScript, HTML5, Canvas, CSS
- Integrated the CodeMirror library connected to an iframe element to enable real-time code editing within a web browser.
- Used RegExp and image matching to devise a method to check if a user's input matches the correct solution when multiple answers are possible.

EXPERIENCE

App Academy - New York, NY   July 2022-Present
Bootcamp Prep TA
- Help teach the fundamentals of JavaScript and programming to adults with no prior coding experience.
- Guide students on how to solve problems and think like a programmer to prepare them for the intensive 4-month course.
- Review and walk through assessments and provide not only technical support but encouragement and feedback.

Precise E-Learning - Shanghai, China   May 2018-Feb 2019
Bilingual Broadcaster
- Operated as an English audio broadcaster and video editor for an online education platform designed to teach English using machine learning.
- Analyzed, collected and logged online resources for teaching English grammar, vocabulary, reading, writing and speaking.
- Researched IRT theory and use cases in order to create English descriptions of the company's methods and goals.

Vin Di Bona Productions - Los Angeles, CA   Jan 2015-Aug 2016
Digital Editor/Content Producer
- Managed and edited short-form content including compilations, sizzles, and graphics for America's Funniest Home Videos' YouTube, Facebook, and Vine.
- Wrote and produced an AFV App commercial promo for the show, which upon airing increased application downloads 500% from an average of 5,000 every weekend to a peak of 26,008 over two days.
- Produced specialized promotional content based on current trends for AFV's partners including MSN, AOL, and Dailymotion.

EDUCATION

App Academy - Intensive software development course focusing on full stack web development with less than 3% acceptance rate
Emerson College - BA - Visual & Media Arts (Spring 2015)