Tracie Chang

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Portfolio

LinkedIn

GitHub

Projects

MyRubySnippets   Live · GitHub

A collaborative, cloud-based editor for writing and running Ruby code in the browser.
- Built a single-page web application with Rails, React, and Redux
- Integrated with OmniAuth library for multi-provider authentication, including Google and GitHub
- Implemented WebSocket connections with Rails' ActionCable to allow real-time collaboration

WoW Auction House   Live · GitHub

Sell and bid on in-game items from World of Warcraft.
- Created a single-page web application with a Rails RESTful API using React, Redux, and PostgreSQL
- Processed and displayed real-time bids by leveraging ActionCable to integrate WebSockets with Rails
- Configured scheduled background jobs to distribute payments for winning auctions
- Implemented search feature by chaining scopes to maintain an idiomatic use of Rails' ActiveRecord

Flappy Sheen   Live · GitHub

Browser version of the mobile game Flappy Bird.
- Developed with JavaScript from the ground up and used HTML5 Canvas for seamless animations
- Dynamically generated and randomized pipes for unique gameplay with progressive difficulty
- Prevented memory leaks caused by the infinite addition of new pipes and improved performance by continuously removing off-screen pipes from memory

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Skills

- Ruby on Rails
- SQL
- JavaScript
- HTML5
- React
- CSS3
- Redux
- Git

Education

B.A. Business Administration | California State University, Fullerton   *2009 - 2012*
Concentration: Information Systems

Experience

Solution Consultant | Able Software Inc.   *2013 - 2018*
- Provided technical support and maintained call logs and resolution documentation in Sage CRM
- Performed technical writing while creating support cases, end-user manuals, and build release notes
- Assisted in projects for new customers and product upgrades by gathering user requirements and working with development team to ensure on-time completion and accuracy