

Veronica Chau

Recent Projects

Lead Full Stack Developer [Rails, React.js]

EventRight | [Live](#) • [GitHub](#)

A single page ticketing application with a crowdfunding flair

- ❑ Utilized Flux architecture's unidirectional data flow to maintain structural coherence.
- ❑ Componentized front-end-views with React to fulfill the Single Responsibility Principle resulting in component modularity.
- ❑ Implemented custom validation logic on the model level to prevent invalid pricing details and enforce realistic campaign dates.
- ❑ Utilized ActiveRecord Calculations and Relations modules in queries to eliminate storage of unnecessary tables and columns in the database.

Front End Engineer [JavaScript]

Legendary Bird | [Live](#) • [GitHub](#)

A projectile-shooting game featuring legendary Pokemons

- ❑ Designed for smooth UX by implementing event handlers to provide intuitive controls such as arrow buttons and space bar for launching the Pokeball.
- ❑ Integrated BoxBox Physics engine to mimic real world projectile allow the user to change the impulse power and angle on the Pokeball with gravity causing negative acceleration.

Contributing Full Stack Developer [Rails, React.js]

Slamk | [Live](#) • [GitHub](#)

A real-time-messaging application with code-snippets and favorited messages capabilities

- ❑ Implemented "Favorites" feature by building React components to allow for the addition and removal of favorited messages by manipulating message state.
- ❑ Designed icons and side panel to dynamically render content based on the current user session and each message's "Favorites" status.

Skills

Ruby	JavaScript	Node.js	jQuery	HTML	Git
Ruby on Rails	React.js	Flux	SQL	CSS	RSpec

Work History

Schlumberger

July 2012 - November 2015

Operations and Performance Engineer - Oil & Gas

Houston, TX

- ❑ Performed data quality checks and validation for conformance to government standards, reducing discrepancies in data delivered to agencies by 50%.
- ❑ Decreased project delivery time by 65% after 4 months of continuous improvement by mentoring and coaching field engineers to eliminate operator error due to learning gaps.
- ❑ Received the Vice President Service Quality Awards while serving as one of two pilot engineers for the Occidental Petroleum Remote Operations and Performance Team.

Education

App Academy

May 2016 - July 2016

1000-hrs Full Stack Web Development Course with < 3% acceptance rate

San Francisco, CA

University of California, San Diego

August 2008 - June 2012

Bachelor of Science in Chemical Engineering

La Jolla, CA



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