

Lam Vu

(415) 676-0400

lvu2548@gmail.com

[GitHub](#)

[LinkedIn](#)

SKILLS

ReactJS, Redux, Ruby, Ruby on Rails, JavaScript, Node.js, Express.js, PostgreSQL, MongoDB, HTML5, CSS3, SQL

PROJECTS

Scribbblez (Ruby on Rails, ReactJS, Ruby, JavaScript, PostgreSQL, HTML5, CSS3)

[live](#) | [github](#)

A website inspired by Dribbble, a social media platform for designers and artists to share their work.

- Created responsive interface and interactive components using CSS media query and flexbox layout.
- Implemented encrypted user authentication and Bcrypt hashing function with salt to avoid storing passwords as plain text in database preventing attack from rainbow table.
- Utilized PostgreSQL and AWS with rails ActiveStorage to save images that users uploaded.

California Earthquake Visualizer (JavaScript, HTML5, CSS3, Google Maps JavaScript API, Chart.js)

[live](#) | [github](#)

A visualization website of earthquakes in California using USGS Earthquake API, Google Maps JavaScript API, and Chart.js.

- Constructed feature that Allows users to filter earthquakes in California using USGS Earthquake API to query for earthquake events.
- Developed interactive map to illustrate earthquake events using Google Maps JavaScript API and displayed event information in popup window and markers.
- Implemented Chart.js to create dynamic data visualization of earthquake event and generate text summary of illustrated data.

Apocalypse 2059 (Express.js, JavaScript, ReactJS, Redux, MongoDB, Node.js, HTML5, CSS3)

[live](#) | [github](#)

A fixed shooter game featuring alien enemy AI and saved player progression.

- Constructed collision detection algorithm between objects using the distance formula allowing for interactive game play.
- Created encrypted user authentication using Passport library middleware to authenticated JSON web tokens.
- Developed reusable, modular modal components in React for optimized front-end architecture and faster development workflow.

EXPERIENCE

Business Intelligence Analyst

NAVADeal, Inc.

Nov 2018 - Apr 2019

- Analyzed sales and market data to forecast financial performance and identify trends; raising monthly sales for product by over 12%.
- Developed and adjusted pricing strategy through market research and analysis of product performance for over 200 products.
- Created excel reports and built Tableau dashboards to provide visibility into KPIs to facilitate business operations and product development.

Office Assistant

(Robert Half) Circa of America, LLC.

May 2018 - Aug 2018

- Ran reports and reviewed transmission of key data from clients using Tableau and Excel.
- Shipped, tracked, and documented product samples to over 10 account.
- Processed production orders, sales orders, and invoices using BlueCherry ERP.

EDUCATION

Full-Time Software Engineering Program - App Academy, San Francisco | 2019

BS in Applied Statistics - University of California, Davis | 2017