

Lam Vu

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[GITHUB](#)

[LINKEDIN](#)

SKILLS

ReactJS, Redux, Ruby, Rails, JavaScript, HTML, CSS, SQL

PROJECTS

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

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

A side shooter game featuring alien enemy AI and saved player progression

- Constructed collision detection algorithm between objects using distance formula allowing for interactive gameplay
- Created encrypted user authentication using Passport library middleware to authenticate Json web token
- Developed reusable, modular modal components in React for optimized front-end architecture and faster development workflow

Scribble (Rails, ReactJS, JavaScript, HTML5, CSS3)

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

A clone of the website Dribbble, a social media platform for designers and artists to share their work

- Created responsive interface and interactive components using CSS media query and flex box 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 and videos 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

- Allow 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

EXPERIENCE

Business Intelligence Analyst

NAVADeal, Inc.

Nov 2018 - April 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 - August 2018

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

EDUCATION

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

BS in Applied Statistics - University of California, Davis | 2013 - 2017