

## Skills

HTML, CSS, React, Redux, Ruby, Ruby on Rails, JavaScript, TypeScript, jQuery, SQL, PostgreSQL, MySQL, MongoDB, Solidity, Nodejs, Express, Git

## Projects

### POPO CRM

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

*This is a pixel-perfect clone of ZOHO CRM*

- Utilized AWS S3 to store and fetch pictures in environment appropriate buckets resulting in 50% quicker load time.
- Implemented loading effects enabled by Redux reducers to guarantee seamless UI / UX while the app awaits data from AJAX calls.

### Double Pendulum Simulator

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

*A JavaScript app that simulates and tracks the movement of a double pendulum*

- Leveraged P5.js which allows designing and drawing capabilities to generate a realistic aesthetic rendition of a complex dynamical system
- Introduced slide bars for users to change the physical properties of every part of the pendulum system, enabling a more interactive UX.

### Shake It Up

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

*A MERN stack app that allows users to discover cocktails and recipes*

- Organized a group of four and distributed workload for MERN stack development resulting in professional and efficient group dynamics.
- Spearheaded the development and testing of back-end API utils and routes by writing the api contract, guaranteeing seamless communication with the database.

## Experience

### Owner / Teacher

*H.L. Education Inc.*

Apr 2014 - May 2019

- Designed and launched the website for the business which accounts for about 75% of online inquiries and visits.
- Established email marketing campaigns with leads purchased from vendors resulting in a 40% increase in inquiries over the course of 3 months.

### Teacher

*New Oriental Education & Technology Group*

May 2011 - Apr 2014

- Developed front-end applications which increase post-practice interaction with students that led to 15% higher in class concentration.

## Education

### App Academy (May 2019)

Immersive software development course with a focus on full-stack web development

### UC Berkeley Extension (May 2018)

*Full Stack Web Development Course*

### Tulane University (May 2010)

*BS - Business Management*