

MISO LEE

Software Developer

Phone 949-769-0979

Email misolee8191@gmail.com

[Portfolio](#)

[Linkedin](#)

[Github](#)

Skills

Ruby • Ruby on Rails • JavaScript • HTML5 • CSS3 • SCSS • React • Redux • Vue • Vuex • Firebase
PostgreSQL • jQuery • Git • Github • Express • MongoDB • Webpack • Canvas • AWS • RSpec

Experience

Frontend Engineer | [Nebula Genomics](#) |

March 2019 - Present

- Working with Vue.js and Node.js to build a consumer website.
- Used Vuex for state management and Firestore for database.
- As the only frontend engineer, I worked closely with the product designer to implement new features and improving old features on the brochure website and the portal website.
- Rebuilt the whole brochure website from scratch.
- Code out pixel-perfectly the design that the product designer uploads to Zeplin.

Projects

Voistris | [JavaScript](#) | [HTML5](#) | [CSS3](#) | [Canvas](#) | [MongoDB](#) | [Express](#) |

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

Classic Tetris game with both voice-controlled and keyboard options

- Implemented Tetris algorithms that allow user to easily switch, move and hold Tetris blocks.
- Applied SpeechRecognition interface from Webkit Speech API to record and translate voice commands into console commands. The customizable commands gives more flexibility and provides more elegant user experience.
- Integrated MongoDB and Express backend to store user's score and name to display top 5 scores.
- Utilized HTML Audio Tag to insert sounds for background music and sound effects with mute/unmute functionality to increase player engagement.
- Created countdown functionality before starting the game using multiple setTimeout functions to increase user experience.

Misora | [Ruby on Rails](#) | [PostgreSQL](#) | [React](#) | [Redux](#) | [HTML5](#) | [SCSS](#) |

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

A faithful clone of Sephora.com

- Configured AWS and Rails backend to enable storing image attachments for each product.
- Implemented Tab functionality through Redux state management to display different information about a product.
- Secured user's credentials using BCrypt for the backend and custom React AuthRoute for front-end authentication.
- Implemented popup modals for user login/signup and checkout button for seamless user experience.

u&i | [MongoDB](#) | [Express](#) | [React](#) | [Node.js](#) | [HTML5](#) | [SCSS](#) |

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

Full-stack team-built web application where a couple share their moments with calendar, stickys, and albums

- Integrated React-calendar library to display upcoming events for this month and the next month on click of the calendar.
- Generated a separate function in React component to use different class names based on the author id to display different backgrounds of the stickys.
- Implemented Connected, Auth, and Protected Routes using react-router-dom so that when two users were connected, they would not be able to access the connection page. Frontend routing, to Re-route the user based on their status.

Education

App Academy

October 2018 - January 2019

Immersive software development course with focus on full stack web development with < 3% acceptance rate.

University of California, San Diego

June 2018

BS - General Biology.