

# Max Li

(412) 253-5577 [maxmus2223@gmail.com](mailto:maxmus2223@gmail.com) [Portfolio](#) [LinkedIn](#) [Github](#) San Francisco / Bay Area

**Skills** JavaScript, React.js, Redux.js, Ruby, Ruby on Rails, HTML5, CSS3, Git, PostgreSQL, jQuery, MongoDB, Express, Node.js, SQL, AWS S3

## Projects

**WoWelp** (React / Redux, Ruby / Rails)

[Live Site](#) | [Github](#)

*A web application inspired by Yelp that allows users to post their businesses and share their experiences*

- Implemented search and filter features by using JQuery and Ajax API call to select and fetch businesses and Rails controller to render businesses.
- Utilized cookies to ensure user's search/filter preferences are stored on the backend so that search/filter results will remain the same when the user refreshes or comes back after closing the page.
- Integrated AWS S3 to allow user image uploads improving server performance and allowing scalability.

**CampList** (MongoDB, Express, Node.js)

[Live Site](#) | [Github](#)

*A web application that allows user to share their camping experience on the Bureau of Land Management (BLM) lands*

- Utilized Google Map API with feature-based filtering to display the location of the campsite on a map
- Built campsite creation and edit features by using Express routing to post or put new site object and Axios API calls to fetch corresponding data.
- Connected campsite model with user model by implementing database references

**Super Mario** (JavaScript, HTML5, Canvas)

[Live Site](#) | [Github](#)

*A web 2D adventure game*

- Avoid model collision between dynamic and static models by implementing an algorithm that checks the x-axis and y-axis position and velocity of the dynamic model
- Created 2D models by utilizing canvas with JavaScript to abstract tiles from sprite sheets.
- Implemented model animation by drawing different animation frames and building an algorithm that renders each frame based on user inputs.

## Experience

Hengmingda Electronic Technology

**Technical Project Manager**

Apr 2019 - Jun 2019

- Resolved product development issues by liaising with product engineers and negotiating with major clients, including Apple, Google, and Amazon.
- Minimized production costs and maximized process efficiency by developing and troubleshooting strategies for improvement.
- Strengthened cross-departmental functionality by liaising closely with project managers in China.

Shandong Excel Light Industrial Products Co., Inc.

**Intern**

Feb 2019 - Mar 2019

- Supported international business capabilities by translating client requirements from English to Mandarin.

## Education

**App Academy**

Aug 2019 - Dec 2019

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

**The Pennsylvania State University**

*Bachelor of Science in Mechanical Engineering*

Aug 2014 - Dec 2018