Max (Tianyu) Li

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

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 objects and Axios API calls to fetch corresponding data.
- Connected campsite model with user model by implementing database references

Experience

Cisco Systems
Full-Stack Software Engineer   May 2020 - August 2021
- Developed and Maintained web applications and internal tools utilizing Python, React/Redux, Node.js, Express, MongoDB, and Hugo.
- Built a highly visible dynamic web application for the Cisco research team to present outside world all information related to the team from research areas of interest to publications to request for proposals using React, Node.js, Express, and MongoDB.
- Collaborated with the SRE team to develop a static web application for the Cisco ET&I team to display published technology-related blogs using Hugo.
- Analyzed, and strategized product design with Product Managers, Program Coordinators, SRE team, and other related teams.
- Resolved critical bugs in products to improve performance and user experience, and rebuilt the legacy code of the core products for better future expansion.
- Interviewed prospective employees and mentored junior software developers on the team.

Education

App Academy   Aug 2019 - Dec 2019
Immersive software development course with a focus on full-stack web development.

The Pennsylvania State University
Bachelor of Science in Mechanical Engineering   Aug 2014 - Dec 2018