

# Dongliang Li

Software Engineer

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## TECHNICAL SKILLS

React.js, Redux, Flask, Python, SQL, SQLite3, JavaScript, HTML, CSS

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## PROJECTS

**LinkYet** ( JavaScript / React / Flask / Python / SQLAlchemy )

[Live](#) | [GitHub Repo](#)

LinkYet is a full-stack web application for connecting friends and teammates, inspired by LinkedIn.

- Designed Redux slices to manage complex data about posts and comments, in order to allow React frontend to manipulate the information and to display to users.
- Utilized useState to control state based on user actions, in order to display different components dynamically, such as hide or show comment sections based on the value of state.
- Implemented secret hunting with useContext allowing the app to track progression.
- Incorporated AWS S3 to store images for easier upload and more secure storage.

**Remember That Flask** ( JavaScript / React / Flask / Python / SQLAlchemy )

[Live](#) | [GitHub Repo](#)

Remember That Flask is for bookkeeping lists of to-do's, inspired by Remember The Milk.

- Defined different relational models with SQLAlchemy to interact with databases using python objects and methods, generating faster and more efficient SQL queries.
- Designed routes with Flask to simplify handling of requests and responses and improve efficiency of interaction with SQLAlchemy in Python.
- Collaborated with a team of 4 software engineers following agile methodologies, including daily SCRUM meetings, and proposed and implemented debugging solutions on both frontend and backend.

**SpotOnBnB** ( JavaScript / React / Express / Sequelize )

[Live](#) | [GitHub Repo](#)

SpotOnBnB is making reservations on different sites, inspired by Airbnb.

- Validated user input inside the user-signup form and create-spot form with useEffect to track the changes of information and to provide feedback if inputs did not pass the requirement.
  - Implemented input validation using validator.js middleware on backend routes to better guide users upon sign up.
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## WORK EXPERIENCE

**Assembly Operator**

Aug 2020 – Nov 2021

Hyve Solutions, Fremont, CA

- Communicated with Material, Cabling, Engineering departments to solve existing issues.
  - Conducted quality control for server racks installation, verified against the most up-to-date instruction to reduce the error finding 30% during the first initial Quality Control process.
  - Tracked Logistics on hardware inventory to prevent the incorrect parts installed.
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## EDUCATION

Fullstack Web Development

App Academy – 2023

Bachelor of Science, Electrical Engineering

University of California, Davis – 2019