

Denise Li

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424-372-7482

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

Languages & Tools TypeScript, JavaScript, Python3, Node.js, React/Redux, Express, Flask, Jira, Github

ORMs & Databases Sequelize, Mongoose, SQLAlchemy, PostgreSQL, MongoDB

Other Skills Project Leadership, Documentation Queen, Mentoring

Experience

Boxed, Inc.

Software Engineer - Infrastructure Team

July 2022 - Present

- Standardized documentation process to use open-source libraries: JSDoc, better-docs, and mermaid-js. Modified existing configurations of better-docs and JSDoc to suit business needs. Authored guidance documents on how to use all three libraries in conjunction.
- Support teams across the Boxed.com storefront enterprise and Spresso SaaS arms of the company. If there's a vulnerability or an inefficiency, I'm probably working to fix it!
- Developed a software development kit (Flux SDK) to manage configuration variables and is used across the organization. Enhanced SDK's CI/CD pipeline to include documentation automation and npm deployment automation. [Flux SDK Documentation](#).
- Automated translation workflows for product teams by leveraging GitHub Actions, impacting all developers.
- Created a proof of concept integration of an in-house SaaS product with Shopify and BigCommerce. Project demonstrated the feasibility of integration with those two marketplaces.
- Presented the team's impact and achievements at organization-wide retrospective meetings.
- Organized code-focused team-building activities for teammates across all timezones and increased participation by 10x.

Indiana University School of Public Health - COVID-19 Contact Tracing Program

Program Supervisor - Burmese Community

Nov 2020 - May 2021

- Led the adoption of MS Teams across the contact tracing program (~175 users).
- Streamlined weekend contact tracing processes across the entire program and saved 3 hours of supervisor-time per weekend day.

City of Los Angeles, Bureau of Sanitation - Environmental Scientist

Aug 2014 - May 2019

- Managed and executed a study on native fish. Saved \$10,000 on chemical analysis costs by utilizing novel biochemistry techniques. The study resulted in a technical report submitted to regulatory agencies and presentations at regional scientific meetings.
- Collaborated with other environmental scientists to develop new analysis techniques. Research efforts resulted in a presentation at a national conference.

Open Source Projects

Ultimate Accelerator (JavaScript, React/Redux, Node, Python, Flask, WTForms, SQLAlchemy, PostgreSQL)

[GitHub](#)

A companion app to Respawn Entertainment's video game, Apex Legends, to help users play the game efficiently.

- Built a React/Redux dynamic frontend environment powered by RESTful API Flask backend. Chiefly leveraged React hooks and event handlers to construct controlled inputs and an API library of thunk actions.
- Analyzed raw data found in Apex Legends (AL) to identify mutually exclusive language used in AL objectives. Used results to create regexes and dictionaries so that user input data can be added to the database programmatically.

Recipepeople (JavaScript, Node.js, Express, Pug, Sequelize, PostgreSQL)

[GitHub](#)

A recipe posting website inspired by GoodReads

- Key contribution: Designed modular and reusable backend error handling using built-in and custom Express validators and custom authorization functions.

Education

App Academy Immersive full-stack software development course (1000+ hours)

Sep 2021- Mar 2022

University of California, Berkeley Double Major: Biology, Psychology

Aug 2005 - Aug 2010

Hobbies Cooking, Painting, Petting other people's dogs, Video Games, Hiking