

# Derek Lam | Frontend Developer

Portfolio Website: [dlamslo8.github.io](https://dlamslo8.github.io)

LinkedIn: [linkedin.com/in/derek-lam-slo8](https://linkedin.com/in/derek-lam-slo8) | GitHub: [github.com/dLamSlo8](https://github.com/dLamSlo8)

Email: [dereklam67@gmail.com](mailto:dereklam67@gmail.com) | Phone: 626-782-9859

## EDUCATION

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**California Polytechnic State University, San Luis Obispo**

**June 2020**

Bachelor of Science | Computer Science | GPA: 3.59

**Relevant coursework:** Software Engineering, Dynamic Web Development, Data Structures, Design and Analysis of Algorithms, Project-Based Object-Oriented Programming and Design in Java

## WORK EXPERIENCE

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**Upwork | Remote**

**June 2020 - November 2020**

**Freelance Frontend Developer**

- Developed a few frontend-focused projects mostly in React, involving conversion from Figma designs to responsive, cross-browser compatible websites.
- Delivered frontend projects on time with all positive, high-rated testimonials.

**Project Jupyter | San Luis Obispo, CA**

**June 2019 - June 2020**

**Software Engineer Intern**

- Developed a rich text editor extension for JupyterLab using TypeScript and React
- Utilized the ProseMirror toolkit to implement a rich text editor as the default editor for Markdown cells
- Collaborated with a designer in various stages of development, including user research and product design, to create a polished end product for JupyterLab
- Collaborated with members of the Jupyter open-source community to solve GitHub issues

**Cal Poly Extended Education | San Luis Obispo, CA**

**October 2018 - June 2020**

**Student Web Developer**

- Updated various Cal Poly websites by editing HTML, CSS, and JavaScript via requests from school departments
- Utilized various frontend technologies like Bootstrap and jQuery during development

## PROJECTS

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**Salewave Website | Freelance Work**

**Summer 2020**

- Converted a Figma design into a React SPA with responsiveness and cross-browser compatibility in mind.
- Created and utilized custom React hooks for form validation and cancelling Axios requests.

**Chat Application | California Polytechnic State University, San Luis Obispo**

**Spring 2020**

- Implemented a chat web application where users can perform CRUD operations on accounts, conversations, messages, and likes
- Developed a Node and Express REST API for said CRUD operations
- Operated under test-driven development in the backend using test collections in Postman
- Developed a ReactJS frontend using functional components and React hooks, as well as Redux for state management

## SKILLS

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**Web Programming Languages:** HTML, CSS, JavaScript (ES6), TypeScript

**Technologies and Frameworks:** Git, Postman, SASS, TailwindCSS, ReactJS, GatsbyJS, NextJS, D3.js, jQuery, Bootstrap, SQL, NodeJS, ExpressJS, ProseMirror