# Derek Lam

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## EDUCATION

**California Polytechnic State University, San Luis Obispo**                                   **June 2020**
Bachelor of Science | Computer Science | GPA: 3.59
**Relevant coursework:** Software Engineering, Individual Software Engineering, Dynamic Web Development, Data Structures in Python, Project-Based Object-Oriented Programming and Design in Java, Discrete Structures, Systems Programming, Design and Analysis of Algorithms

## WORK EXPERIENCE

**Upwork | Remote**                                                   **June 2020 - November 2020**
**Frontend**
- 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

**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

**Web Programming Languages:** HTML, CSS/SASS, JavaScript (ES6), TypeScript
**Technologies and Frameworks:** Git, TailwindCSS, ReactJS,  GatsbyJS, NextJS, jQuery, Bootstrap, SQL, NodeJS, ExpressJS, ProseMirror