ALIX CUI

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EDUCATION

Bachelors of Computer Science, Stanford University, GPA: 3.9/4.0   Expected 2023

SKILLS

Proficient	JavaScript, React.js, Python, HTML/CSS
Familiar	C++, React Native, TypeScript, Node.js, Ruby on Rails
Tools	Git, SVN, Jira, Figma

EXPERIENCE

Amazon Web Services   June 2021 - Present
Software Engineering Intern (EC2 ELB UX/Console)   *Seattle, WA*

- Created the entire front-end of an internal tool that lets PMs and engineers grant API and Console permissions of varying degrees to multiple EC2 users at once.
- Conducted user interviews, created mock ups in **Figma**, and polled project stakeholders weekly to ensure design aligned with user needs.
- Developed the entire front-end using **Ruby on Rails** for templating HTML, **jQuery** for dynamic client-side logic, and **SCSS** for styling and responsiveness.
- Wrote unit and integration tests with **RSpec**, **Python** and **Selenium** with 90% code coverage percentage.

The Washington Post   March 2021 - June 2021
Software Engineering Intern (Site)   *Washington, D.C.*

- Engineered the new author byline and author bio components used across almost every article using **Next.js** and **Storybook**
- Created an author follow module that lets users receive notifications every time an article by the given author is published
- Wrote unit tests using **Jest** and **Enzyme** and end-to-end tests using **Cypress** to maintain **80%** code coverage.
- Utilized **Google Analytics** for data tracking and **Google Optimize** for A/B testing
- Worked in agile development following scrum methodologies

Stanford Carta   September 2020 - Present
Front-end Engineer   *Stanford, CA*

- Refining the course planning web application and help building a new version from the ground up with a custom design system
- Reduced loading time of search results and course reviews by 3x with the use of **stale-while-revalidate** and infinite scroll pagination
- Technologies: **React.js, Redux, TypeScript, Storybook**

PROJECTS

Telehistory: Github

- Created a web app using **Next.js, TailwindCSS, TypeScript, and Nivo Graphs** that charts and analyzes chat history from the popular messaging app Telegram

Applied Learning Initiative: Github

- Developed a website using **React/Redux, TypeScript, NodeJS, MongoDB/Mongoose, Firebase** that allows students to find research opportunities with various PIs or other student projects