

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, C++, HTML/CSS
Familiar React Native, Next.js, NodeJS, ExpressJS, MongoDB, TypeScript, Redux, Firebase
Tools Git, SVN, Jira

EXPERIENCE

Software Development Intern
Amazon

June 2021 - Present
Seattle, WA

- Incoming on the AWS team

Software Engineer Intern
The Washington Post

March 2021 - Present
Washington, D.C.

- Building front-end components using **React.js** for the home and article pages
- Writing unit tests using **Jest** and **Enzyme** and E2E tests using **Cypress**
- Working in agile development following scrum methodologies
- Technologies: **Next.js**, **Jest**, **Enzyme**, **Cypress E2E**, **Storybook**

Front End Engineer
Stanford Carta

September 2020 - Present
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 **300%** with the use of **stale-while-revalidate** and infinite scroll pagination
- Technologies: **React**, **Redux**, **TypeScript**, **Storybook**

Full Stack Engineering Intern
Openproof

June 2020 - Present
Stanford, CA

- Converting a logic courseware application to a newly improved web application using the **MVC paradigm**
- Refashioned the model component of the design pattern by serializing data from the backend into abstracted components
- Migrated from Bootstrap V3 to Bootstrap V4 with a complete responsive redesign of the application chrome
- Technologies: **JavaScript (ES6)**, **jQuery**, **Subversion SVN**

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