Alix Cui

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EDUCATION

Stanford University   Stanford, CA
Bachelors of Science, GPA 3.9/4.0   *Sep. 2019 – Jun 2023*

EXPERIENCE

Software Engineer Intern   Mar. 2022 – Present
Glean (Series C Unicorn backed by Sequioa, Kleiner Perkins, Lightspeed)   *Palo Alto, CA*
- Reduced search latency from the new tab page by **300ms** on average through reprioritizing the request and firing it in parallel with results page startup
- Cut root bundlesize by **10%** through a process of dynamic importing, lazy-loading, and **Webpack** optimizations
- Developed an entirely new page for product updates that utilizes **Contentful** CMS to serve content
- Full stack development for our people and directory product utilizing **Go**, **React**, and **TypeScript**
- Working on improving the consistency and robustness of our design system by utilizing **Storybook** and interfacing with design

Engineering Fellow   Jun. 2022 – Present
Kleiner Perkins   *San Francisco, CA*
- Selected as an engineering fellow (5% acceptance rate)

Software Development Intern   Jun. 2021 – Sep. 2021
Amazon Web Services   *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.
- Contributed to the implementation of a Slack notification system using **AWS suite** (SNS, Chatbot, CloudMetrics)

Software Engineer Intern   Mar. 2021 – Jun. 2021
The Washington Post   *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

PROJECTS

Race me | *Next.js, TailwindCSS, TypeScript, Firebase*   Dec 2021
- Developed a side project to let others typerace me and compare their results
- Implemented real-time WPM calculation and data visualization for comparison

Applied Learning Initiative | *React, TypeScript, Node.js, MongoDB, Mongoose, Firebase*   May 2018 – May 2020
- Developed a full-stack web application that helps students find on-campus research opportunities and connect with PIs

ACADEMIA

Co-Instructor   Jan. 2022 – Mar. 2022
Stanford University   *Palo Alto, CA*
- Co-led and taught Stanford's CS47: Cross-platform Mobile App Development in React Native.
- Gave lectures on **React Native** topics such as JavaScript basics, hooks, and React Navigation.
- Created two new assignments from scratch.
- Held weekly office hours.