JESSICA CHENYANG XU
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EDUCATION
University of California, Berkeley (Spring 2017) - BA, Applied Mathematics & Computer Science

EXPERIENCE

Software Engineer at Google — Web Accessibility for Google Cloud (Summer 2020 - Present)
- Software engineer on the core accessibility team for Google Cloud, one of the largest Angular applications in the world. Working toward helping other developers build an accessible application using resources such as ARIA, WCAG, VPAT specifications.
- Working primarily in Angular and Typescript to help build components that are universally accessible and advised other teams on how to make their features accessible as well.
- Implemented a dynamic keyboard shortcuts feature that is accessible and complies with WCAG 2.1 standards that is in the process of becoming a widget used by all of Google, not just within Google Cloud. Collaborated with multiple stakeholders such as the accessibility testing team, UX designers, PM, etc.

Technical Program Manager for Tech Exchange at Google (Winter 2023):
- Marketed company-wide Tech Exchange, a DEI program that partners with HBCUs and HSIs in an effort to unlock opportunities in the tech industry for Black and Latinx students, to solicit 750+ responses on the volunteer application, created a selection process to accept and track the 300+ volunteers for ~7 different volunteer roles.
- Lead and managed the entire onboarding process including piloting a new learning platform to host training content, creating the timeline, coordinating with the course leads to facilitate their trainings, sending out weekly comms of updates/reminders, helping to introduce trainings from Giant Machines for the first time, etc.

Product Software Engineer at Replica (Spring 2019 - Spring 2020)
- Full-stack early engineer at a small company of <10 people worked primarily in React, Redux, Typescript, Bigquery and Postgres, owned multiple areas of the product and developed on multiple parts of the stack.
- Built the foundation of the application's Report page, which displays city data formed from aggregating trip summary data models with demographic data in a digestible format for multiple major cities' transit agencies.
- Designed the framework and built the base of the application by creating a dynamic toolbar to filter data and built visualizations such as choropleth maps using Mapbox to show trip information and home/work location data and other numerous charts/graphs that display demographic data for different regions.

Software Engineer at Lob.com (Spring 2017 - Spring 2019)
- Full-stack software engineer on Lob's Platform Team working primarily in Node.js, Angular and Postgres.
- Designed and implemented projects such as adding features to our internal tooling, extending the consumer facing API with new functionality, and adding an analytics graph to our user dashboard using D3.js.

EXTRACURRICULARS
Instructor for the Virtual Summer Immersion Program at Girls Who Code (Summer 2020, 2021, 2022):
- Worked with students from all over the country in high school, many of which are part of underrepresented groups, in a virtual summer camp that introduces them to basic web development.
- Taught the curriculum that was composed of introductions into HTML, CSS, and Javascript. Graded projects, led office hours, and collaborated with a sponsor team to coordinate engagement/mentorship events.

https://github.com/jesscxu   https://www.linkedin.com/in/jessicacxu