

Stephanie Choi

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Summary

Frontend Software Engineer with 4+ years of experience developing web applications. Proficient in frontend development frameworks such as Angular and React, HTML, CSS, Typescript, Javascript, as well as User Experience Research and Design principles. Worked with cross-functional partners to deliver successful features to customers. Seeking a frontend-focused engineering opportunity.

Skills

Languages: Javascript, HTML, CSS, Typescript, SCSS

Frameworks and Tools: Angular, Node, React, Kanban, Git, Jira, Mapbox, GSAP

Competencies: Rapid Prototyping, A/B Testing, Heuristic Evaluation, Agile, Figma, Web Accessibility

Work Experience

UI Engineer, Cisco Systems – San Jose, CA

Apr 2023 – Nov 2024

- Built B2B and B2C web applications using Angular. Added components to shared UI library and refactored features to work with multiple design systems. Leveraged Angular lifecycle hooks to dynamically generate CSS properties. Features presented to over 20,000 attendees at Cisco's largest innovations conference which increased customer adoption of the product by 5%.
- Led cross-functional effort to implement over 10 in-app tutorials using Shepherd.js. Created custom CSS and added unit tests for 100% test coverage. Conducted heuristic evaluations to fine-tune user experience resulting in an adoption rate of 80%. Reduced work silos by integrating design needs into a tool that can be accessed by all engineers across multiple teams.
- Migrated existing Angular applications into a new application to streamline customer access to data and simplify the platform. Implemented scaffolding, built out components, and created mock data.
- Established team processes to create, scope, and manage tasks by leveraging Kanban boards across all projects. Improved development velocity by 25% by streamlining work pipelines.
- Introduced onboarding documentation as the source of truth for new hires.
- Onboarded and mentored an engineer.

Frontend Developer, University of Michigan – Ann Arbor, MI

June 2020 – Apr 2023

- Built Javascript web application leveraging Bootstrap. Implemented and refactored existing web experiences to educate on epidemiological consequences of COVID-19 in Michigan. Designed and implemented interactive learning modules which increased page views by 10%.
- Introduced SVG animations with synchronized page scrolls leveraging GSAP and Flubber in a React-based application.
- Implemented visualizations of COVID case data using D3.js, including bar graphs with focus bars.
- Developed a COVID-19 modeling dashboard and resource site using R and Flexdashboard.

Projects

Web Application for Self-Published Literature

Feb 2022 – Present

- Implemented shared components in Angular including an image gallery, calendar, and audio player.
- Created designs leveraging UX design principles, color theory, and accessibility best practices.

Education

University of Michigan – MSI in Human-Computer Interaction

May 2020

University of Michigan – BA in English Language and Literature

May 2016