

Contact Information

- karriecheng2@gmail.com

Certifications

[Web Accessibility Specialist](#) (International Association of Accessibility Professionals' Professional Certification)

Experience

Senior Software Engineer at Two Chairs (December 2022 — current)

- Tech-led, developed, debugged, and reviewed features built for our internal clinicians, clients, and provider partners using React, TypeScript, Python, and GraphQL
- Led accessibility efforts on the Clinician Enablement team, which led to features created by my team meeting most Web Content Accessibility Guidelines (WCAG) 2.2 standards (A, AA, AAA) by:
 - creating Accessibility Conformance Reports for features released since 2023
 - originating processes and documentation for checking features for issues, including the inclusion of manual and automated tests
 - creating components for the internal design system that conform to Accessible Rich Internet Applications (ARIA) specifications
 - adding tooling and utilities to help facilitate adherence to best practices
- Led accessibility education and awareness beyond the Clinician Enablement team by:
 - adding resources and documentation relating to best practices and testing
 - assisting our Marketing department's accessibility efforts by providing direction and reaching out to third-party accessibility audit vendors for quotes
- Revived and continue to run our engineering Frontend Guild (monthly from 2023 to 2025, bi-monthly starting 2026) to help share FE best practices
- Supported the design team's design system efforts by:
 - ensuring that our design system components meet accessibility standards
 - adding and maintaining Storybook and Chromatic so designers can review the existing component library
 - creating tooling to ensure that code matches our design system
 - enforcing design system component and token usage in Merge Request reviews
 - creating and facilitating monthly meetings to address design debt

Karrie Cheng

Software Engineer at Humu (from October 2021 to December 2022)

- Developed, debugged, and reviewed features using React, TypeScript, Python, and GraphQL
- Triageed and addressed urgent incoming engineering requests from the customer success team
- Led accessibility efforts at Humu by:
 - creating and owning organizational goals and documentation over web accessibility
 - hosting a multi-part training series across engineering teams
 - originating, organizing, and hosting accessibility office hours
 - successfully advocating for the inclusion of keyboard and screenreader testing in organization quality assurance processes
 - coordinating with the design team to improve existing reused components.
 - Related articles:
 - [Accessibility Advocacy Takeaways from Humu](#)
 - [Maximizing your impact when moving into a leadership role](#)

Software Engineer at Hello Alice (from October 2019 to October 2021)

- Planned, developed, debugged, and reviewed features using React, Ruby on Rails, and GraphQL
- Led accessibility efforts at Hello Alice as the official Accessibility Lead
 - Created a cross-department accessibility committee and created an organization-wide set of best practices
 - Led development-focused lunch-and-learns on accessibility relating to the WCAG 2.1 standard
 - Audited and identified WCAG violations across the Hello Alice website
 - Added tooling to safeguard against accessibility issues
- Tested features using Jest, Enzyme, and RSpec frameworks
- Set up New Relic APM and Browser integrations

Developer for equilibra (a personal project, from May 2019 to September 2019)

- Created a Chrome extension using JavaScript, HTML/CSS, and webpack
- Designed, developed, and deployed a website using React, GatsbyJS, GraphQL, Sass, and AWS Route 53 and S3 services
- Built a transaction page prototype using Plaid API and AWS RDS (PostgreSQL) and Lambda (NodeJS) services
- Gathered feedback from early users to iteratively improve the product

Consultant II at Pariveda Solutions (from August 2016 to April 2019)

- Collaborated with the client product owner and gathered requirements from multiple client teams to create solutions for business problems

- Developed, debugged, tested, and deployed features for TypeScript/React, Apex/Aura, and Xamarin.iOS/.NET Core/C#/Angular/SQL applications
- Planned and participated in estimation, tasking, code review, retrospective, and demo meetings while on Agile project teams
- Presented demos of new features to client stakeholders

Computer Science Peer Teacher at Texas A&M University (from September 2014 to May 2016)

- Assisted students in developing a deeper understanding of concepts taught in the 'Introduction to Program Design and Concepts', 'Structured Programming in C', and 'Algorithms and Data Structures' courses

C++ Associate Software Developer Intern at Sabre Corporation (from May 2015 to Aug 2015)

- Built a C++ library with internal and Boost libraries to provide local time conversion and information retrieval functions for international airports, taking into account local Daylight Saving Time rules

Education

Texas A&M University – College Station, Texas (graduated May 2016)

Bachelor of Science Cum Laude in Computer Science

Bachelor of Science Cum Laude in Economics