



Klarence OuYang

UX Engineer, UX/UI Architect, Design Technologist

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CSS/SASS Architecture | UX/Design System Architecture | Usability & Accessibility
Responsive Design/Development for Mobile to Web | Product Design
Web Performance | User-centered Design Thinking | Agile Methodologies

Career Summary

Innovative, Design Technologist with over a decade of experience working with multi-functional teams and global business & IT units. Creative cross-functional leader credited for a collaborative design and development process. Agile and usability specialist skilled at improving productivity and efficiency, decreasing time to delivery, and increasing customer satisfaction.

Professional Experience

Apree Health | Austin, TX (Remote) 2023 – Present

Lead UI Engineer, Front End Infrastructure | 2023 – Present

Castlight Health and Vera Whole Health combined under Apree Health.

- Leading Accessibility (a11y) – meeting Contractual Compliance for WCAG
- Leading CSS Architecture (Styling, SASS)
 - Responsive Web Design – Migrate and expand single code base to provide Native iOS, Native Android and Web Applications
 - White labeling – Offer branded solutions

Castlight Health | San Francisco, CA 2019 – Present

Lead UI Engineer, Design Systems | 2021 – Present

Joined as the second member of the Design Systems team bridging the gap between our designers and engineers.

- Maintain and Develop internal Design System, a pattern and component library built in SASS/CSS, HTML, and TypeScript (Angular & Ionic)
- Improve developer experience by creating UI components, easier to use SASS mixins, and linting code for best practices and incompatibility with the browsers we support
- Set standards and best practices to ensure code quality for styling and templating
- Improved Build performance of both our desktop and mobile app by over 30%
- Expanded our Design System to cover mobile

Trilogy Education | San Francisco, CA 2020

UX/UI Design Teaching Assistant @ Berkeley Bootcamp

24-week bootcamp covering UX Design, UI Design, and Frontend Dev Principles.

- Including Human-centered Design Thinking, Interaction Design & Web Prototyping

Cisco Systems, Inc. | San Jose, CA 2012 – 2018

UX Lead - UI Developer and Designer | 2014 – 2018

- Led Design & Frontend Code for Partner Apps
 - **Cisco Partner Locator** (Public)
 - *Internal partner apps (partner portal), from onboarding thru reporting.*
- Served as Subject Matter Expert (SME) for UI conflicts (CSS/JS)
- Co-developed an internal CSS Framework (LESS)
- Built several reusable components (HTML, CSS, JS)
- Served as SME for user experience, accessibility, and usability issues
- Created a UI Kit Style Guide (Adobe Xd) based on internal Brand Guide
- Authored User Journey Maps, User Flow Diagrams, Architectural Diagrams, Wireframes, Mockups, and Prototypes (both hotspots and code)

Education

UX Design Certificate –

Human-Computer Interaction

MIT CSAIL – May 2018

B.S. Business –

Management Information Systems

San Jose State University – Dec 2013

A.A. Web Development & Design

MiraCosta College – May 2011

Skills

Tech

CSS / SASS(SCSS) / LESS Architecture
Semantic HTML (Accessible)
WAI-ARIA, Screen readers, VoiceOver, etc.
TypeScript, Vanilla JavaScript, AJAX

- Angular
- Node + Express + npm

Django (Python Framework)
Webpack + Gulp/Grunt
Version Control (Git – GitLab & GitHub)
Code Linters (eslint, htmlhint, stylelint)

Design

Responsive Design (Mobile First)
Information Architecture
Interaction Design
Data Visualization
Visual Design / Graphic Design

Prototyping Tools

Figma, Sketch + InVision
Adobe Suite (Xd, Ai, Ps, Ae, Pr, etc.)
Code (HTML/CSS/JS)
OmniGraffle / Visio (User Flows)

UX Methods

Persona
Card Sorting
Wireframing
User Journey Mapping
Content/Task Analysis
Heuristic Evaluation
Usability Testing