



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 several years' 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, and decreasing time to delivery and increasing customer satisfaction.

Professional Experience

Trilogy Education | San Francisco, CA

2020 – Present

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

Castlight Health | San Francisco, CA

2019 – Present

UI Engineer, Design Systems

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 TS (Angular and 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
- Helped expand our Design System to cover mobile

Cisco Systems, Inc. | San Jose, CA

2012 – 2018

UX Lead - UI Developer and Designer | 2014 – 2018

As the UX Lead I managed the Design & Frontend code (UI) for several internal partner applications (partner portal), from onboarding thru reporting.

- Led Design and Frontend Code for Cisco Partner Locator (Public Project)
- 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) used in production
- 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)
- Served as project manager, scrum master, and usability coordinator

San Jose State University | San Jose, CA

2011 – 2013

Web Developer & Designer

Developed and maintained the SJSU Career Center website.

- Co-led the website transition to a Content Management System (CMS)
- Designed/Developed responsive templates for external email marketing
- Created graphic design materials for print and web
- Supported IT as needed, Active Directory, printer/computer issues

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 / SCSS / LESS

Semantic HTML (Accessible)

Vanilla JavaScript + AJAX

- Angular/VueJS

- Node + Express + npm

Django (Python Framework)

Webpack + Gulp/Grunt

Version Control (Git – GitLab & GitHub)

Linters (stylelint, htmlhint, tslint, eslint)

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