Klarence OuYang

UX Engineer, UI Architect, Design Technologist

www.klarence.net
klarence.ux@gmail.com

CSS/SASS Architecture | 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

Castlight Health | San Francisco, CA (turned Remote – Austin, TX)   **2019 – Present**

Lead UI Engineer, Design Systems

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(SCSS), HTML, and TS (Angular & Ionic)

● Updated the SASS module loading architecture which improved the build performance of our main product apps (~12min to ~4min)

● Improve developer experience by creating cross-platform UI components, easier to use SASS mixins, and linting code for best practices and browser compatibility

● Set standards and best practices to ensure code quality for styling and templating

● Helped expand 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

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
● Node + Express + npm
Django (Python Framework)
Build Tools (Webpack, Gulp, Grunt)
Version Control (Git – GitLab & GitHub)
Linters (stylelint, htmllint, 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 / Miro (User Flows)

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