

Lauren Liu

laurenmlu@gmail.com | (650) 533-0375

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO ('12-present), *B.S Computer Science, Minor in Design* (expected 2017 graduation)

WORK EXPERIENCE

The Design Lab, UCSD Jul '16-present

UX Engineer, Research Assistant

- Currently working on a project called Design for San Diego (D4SD), which aims to create an online collaborative, crowdsource-based design platform between citizens and their city government to address contentious civic challenges. The end-goal is to build a tool that helps citizens effectively engage in civic projects as well as provides a medium for government transparency, fostering trust between the two parties.
- Developing the frontend using React.
- Prototyping and wireframing mockups, creating iconography and logos, literature review, as well as researching current civic procedural standards through observation and interviews.

ThermoFisher Scientific, IonTorrent Jun '15-Sept '15

Software Developer Intern

- Worked on build automation with Jenkins for IonReporter, a statistics application for IonTorrent, a gene sequencer.
- Automated the install procedure within the build process.
- Automated the deployment of IonReporter onto the cloud test server.

PROJECTS

D4SD (<https://d4sd.org/>) Jan '17-present

- Worked responsive website intended to solicit citizen interest and feedback on best approaches and concerns. Helped design the interface, and developed the frontend using React, collaborated with a cross-functional team of developers, designers, stakeholders, and sponsors.
- *Technologies:* React, JSX/SASS, GSAP, Travis

Personal Website (<http://laurenliu.me>) Jun '16-present

- Designed and built a website to display my portfolio.
- *Technologies:* HTML, CSS, JavaScript, Node.js, Sketch

Dopelist (<https://dopelist-a697d.firebaseio.com/>) Jan '17-Mar '17

- Worked on the frontend and the design of a CRUD Single Page Application that provides a place for users to list music tracks and their corresponding online links. Designed and built the frontend with the goal of producing fast loading times even in low-latency conditions.
- *Technologies:* HTML, CSS, Vue.js, Firebase

Visit laurenliu.me for more projects.

SKILLS

Languages: HTML/CSS, JS, Java, C++, bash

Development Tools: Travis, Jenkins, Eclipse, VIM, Invision, GIT

Operating Systems: OS X, UNIX/Linux

Design Software: Sketch, Illustrator, Indesign

RELEVANT COURSES

HCI/UI: HCI Programming Studio, Design for Development, Client-Side Web-Applications, Usability & Info Architecture

General Programming: Server-side Web Apps, Programming Methodology (Java), Adv Data Structures (Java, C++), OOP Design (Java, C, C++), Software Tools/Techniques, Intro to AI, Computer Org & Sys Programming, Compiler Construction (Java), Intro to Algorithms

Logic: Programming Languages, Math for Algorithms/System Analysis, Discrete Math, Automata/Computability Theory (Haskell)