Lauren Liu

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

Personal Website (http://laurenliu.me) *Jun '16-present*
- Designed and built a website to display my portfolio.
- *Technologies:* Node.js, HTML, SASS, JavaScript, Sketch

Dopelist (https://dopelst-a697d.firebaseapp.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:* Vue.js, HTML, SASS, Firebase

Visit laurenliu.me for more projects.

SKILLS

Languages: HTML/CSS, JS, Java, C++, bash   **Operating Systems:** OS X, UNIX/Linux
Development Tools: Travis, Jenkins, Eclipse, VIM, Invision, GIT   **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)