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*
Research Assistant – UX Engineer
- Working on a project called "Design San Diego," which aims to create an online collaborative, crowdsource 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 frontend using HTML/CSS and 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 (http://designsandiego.ucsd.edu/) *Jan '17*
- The splash page is a responsive website intended to solicit citizen interest and feedback on best approaches and concerns. Worked with the engineer on the design of the site (lo-fi prototyping, wireframing), as well as created the icons.
- *Technologies:* Sketch

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://dopelst-a697d.firebaseapp.com/#/) *Jan '17-Mar '17*
- Worked on the frontend and the design of a CRUD application that provides a place for users to list music tracks and their corresponding online links. Designed and built frontend for desktop, tablet, and mobile browsers with the goal of producing fast loading times even in low-latency conditions.
- *Technologies:* HTML, CSS, Vue.js, Firebase

Frank [Mobile Site] (frank-app.herokuapp.com) *Jan '16-Mar '16*
- Worked on the frontend of a mobile website designed to let users give and receive feedback on their personal fashion. Users may post pictures of their fashion looks, and can upvote/downvote and comment on these posts. Currently the site is not connected to a backend, and data is handled asynchronously with JavaScript functions.
- *Technologies:* HTML, CSS, JavaScript, Node.js, Photoshop, Illustrator, Bootstrap

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, Intro to HCI Design
General Programming: Server-side Web Apps, Programming Methodology (Java), Adv Data Structures (Java, C++), OOP Design (Java, C, C++), Software Tools and Techniques, Intro to AI, Computer Org & Systems Programming, Compiler Construction (Java)
Logic: Programming Languages, Math for Algorithms/System Analysis, Discrete Math, Automata/Computability Theory (Haskell)