SOPHIA LIU

FRONTEND ENGINEER

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HELLO

I'm a San Francisco-based frontend engineer who loves to work with designers and other product people to create experiences that are delightful and accessible for everyone. I got my first taste for designing things for human consumption as a Teach for America corps member in Oakland, designing lesson materials for a diverse group of students.
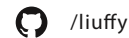
EXPERIENCE

July '17 - Present
FRONTEND ENGINEER
Sheryl Sandberg & Dave Goldberg Foundation

- Collaborate with designers and product managers to develop and fine-tune components for in-house modular design framework
- Complete migration of web assets from Wordpress to in-house CMS
- Led initiative to integrate user testing as a practice for prototyping and optimizing web designs

Jan '17 - July '17
FULLSTACK DEVELOPER
Freelance

- Collaborate with small businesses and individuals to translate their vision into landing pages.
- Wireframing, coding, cross-browser compatibility, SEO, deployment

Fall '14 - Summer '16
TEACHER
Teach for America / Envision Education

- Advanced Placement Science instructor for 200+ 11th and 12 grade students
- First teacher to have students at the school pass an Advanced Placement test
- Designed and adapted targeted and culturally responsive lesson materials for diverse learners

PERSONAL PROJECTS

React, Redux, JavaScript
OPEN (CHROME EXTENSION)
Chrome Store | Github

- Chrome extension that provides instant lookup of businesses' basic information
- Integrates Yelp Fusion API with geolocation based searching to return information on nearby businesses.
- Components dynamically render content depending on whether the business is open or closed

JavaScript, PixiJS, photoshop
SLEEP DEFENDER (JS GAME)
Live | Github

- JavaScript bullet evasion game inspired by Space Defender (classic space shooter game)
- Uses PixiJS for optimized DOM manipulation and HowlerJS for attaching sound effects to game / keyboard events

Ruby on Rails, React & Redux, SQL
TRACKTIVE (PLAYLIST CREATOR)
Live | Github

- Full-stack, single-page playlist creation and storage app that emulates 8tracks
- Combines Spotify API endpoints and JavaScript promises to dynamically build a shuffled playlist and corresponding playlist page.
- Features back-end user authentication and account creation for saving playlists

SKILLS

DEV
ES6, ReactJS, Redux, HTML5, PostgreSQL, Sass, Git, Docker, Ruby, Ruby on Rails

BEYOND CODE
User testing, Google Analytics, accessibility, wireframing

EDUCATION

2016
APP ACADEMY

2010 - 2014
WELLESLEY COLLEGE
B.A. Environmental Science, 3.76 GPA