

SOPHIA LIU

SKILLS

ES6 • ReactJS • Redux • jQuery • HTML5 • CSS3 •
Sass & Less • SQL • Git • Node.js • Ruby • Rails •
WordPress • PHP • Adobe Creative Suite

RECENT FREELANCE PROJECTS

Professional Portfolio (*WordPress, CSS, Photoshop, PHP*)

[Live](#) | Client: Private Client

Custom WordPress portfolio site for Boston-based Theater Director/Playwright

- Features customized child theme and multiple responsive galleries and sliders.
- Created custom plugin to enhance maintainability of portfolios

Fash Landing Page (*WordPress, CSS, Photoshop*)

[Live](#) | Client: Fash (mobile app)

Custom WordPress website for Rhode Island-based mobile app

- Highly responsive bespoke WordPress theme and wordmark
- Created e-mail database in the backend to help client keep track and contact subscribers.

Medina Landscaping (*React, Bootstrap/ CSS, Photoshop*)

[Live](#) | Client: Medina Landscaping

Company website for landscaping business based in Massachusetts

- Built with React, styled with Bootstrap.
- Portfolio gallery components are styled with the Lightbox plugin and custom CSS.

ON THE SIDE

Open (*React, Redux, JavaScript*)

[Live in 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.

Tracktive (*Ruby on Rails, React & Redux, SQL*)

[Live](#) | [Github](#)

Full-stack, single-page playlist creation and storage app that emulates 8tracks

- Combines Spotify API endpoints and JavaScript promises to rapidly and dynamically build a shuffled playlist and corresponding playlist page.
- Ensures database security by validating user authentication on the back-end.

Sleep Defender (*JavaScript, Photoshop*)

[Live](#) | [Github](#)

JavaScript bullet evasion game inspired by Defender (classic space shooter game)

- Uses PixiJS for optimized DOM manipulation and HowlerJS for attaching sound effects to game / keyboard events
- Handles different game scenes (i.e. main menu, pausing, active game plane, end scenes) as distinct states of the program to avoid conflicts and bugs.

WORK HISTORY

Web Developer

Freelance/Contract (2016 – Current)

- Communicate and collaborate with clients of different industries to translate their vision into code.
- Wireframing, coding, cross-browser compatibility, SEO, testing, deployment

Advanced Placement Science Teacher

Teach for America, Envision Education (2014-2016)

- Advanced Placement Science instructor for 200+ Junior and Senior students; first teacher to have students at the school pass an Advanced Placement test.
- After-school mathematics instructor for CollegeSpring, an SAT-prep program for low-income students.