

## TECHNICAL SKILLS

---

**Strong:** JavaScript, ReactJS, NodeJS, Express, Redux, mySQL, MongoDB, HTML, CSS, Sass, Bookshelf, Mongoose, Git

**Knowledgeable:** Flexbox, Redis, PostgreSQL, Bootstrap, Mocha/Chai, jQuery, AWS, Gulp, Heroku, Agile, Python

## WEB APPLICATIONS

---

### Hault

[hault.herokuapp.com/](https://hault.herokuapp.com/)

Enhanced history storage,  
anonymous browsing, and  
persistent browsing sessions

- ❖ Developed a Chrome extension for reliable and efficient data collection
- ❖ Designed an intuitive user experience on the web client and Chrome extension
- ❖ Cached browsing data to reduce server traffic and improve database efficiency
- ❖ Implemented Redux state management store for all history vault features
- ❖ Created an algorithm to generate website snippets, enhancing history searchability

### Moodify

[moodify.herokuapp.com/](https://moodify.herokuapp.com/)

Mood analysis of text based  
media using IBM's Watson

- ❖ Created a personalized user experience by allowing a user to connect their Spotify account using PassportJS to implement the OAuth2.0 authorization
- ❖ Upgraded mood analysis functionality to analyze additional text based media
- ❖ Project managed multiple successful feature integrations

### LePlonger

[leplonger.herokuapp.com](https://leplonger.herokuapp.com)

Weather information and wave  
analysis of dive sites for scuba  
divers

- ❖ Architected a model-controller server side framework using Node and Express for maintainable and clean information flow
- ❖ Converted text wave data into meaningful graphical representations for divers
- ❖ Project managed through organization of project timeline, planning sprints, and generating code and architecture strategies using Agile Development process
- ❖ Lead quality assurance and code review through the duration of the project
- ❖ Designed and implemented the user interface using Bootstrap and Sass

## EXPERIENCE

---

### Hack Reactor

Assistant Instructor  
San Francisco, CA 2017

- ❖ Continuously improved core curriculum lecture material to benefit student development
- ❖ Lectured twice weekly on solving algorithm and data structure problems
- ❖ Mentored and supported 100+ students through the immersive
- ❖ Conducted 1 on 1 review sessions to help struggling students

### ASD|SKY

Designer  
San Francisco, CA 2016-17

- ❖ Implemented adaptive space planning and office design for fortune 500 companies
- ❖ Developed permit, demolition, and construction drawing sets at a range of scales, both solo and on team projects
- ❖ Created office resources for new hires get acquainted with Autodesk software

## ACHIEVEMENTS

---

### Third Place

KONE Smart Building  
Hackathon

- ❖ Used space occupancy calculations for the improvement of KONE's dispatch algorithm
- ❖ Built a Node.js service to generate a difference image between a before and after photo
- ❖ Analyzed the difference image's pixels to generate an accurate occupancy percentage

## EDUCATION

---

Hack Reactor, 2017 *Advanced Software Engineering Immersive Program*

Virginia Polytechnic Institute and State University, 2016 *Bachelor of Architecture*

Design/Build Lab, 2014 *Design and Construction Team*

## PERSONAL

---

In my free time, I like to contribute to addons for an online gaming community, and practice my screen printing skills