

Shelby Rackley

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shelbyrackley.com | [linkedin.com/in/shelbyrackley](https://www.linkedin.com/in/shelbyrackley) | github.com/srackley

Skills **Proficient:** JavaScript, ES6, React, Redux, NodeJS, Express, HTML, CSS, Sass, PostgreSQL, Git/Github, RESTful API Design, Next.js, Webpack, Websockets, Relational Databases, SQL
Knowledgeable: Mocha, Chai, Jasmine, Lodash, Test-Driven Development (TDD), AWS, Yarn, WebVR, Unit Testing, Babel, Docker, RegEx, NoSQL, jQuery, ESLint, Python

Projects ***Painting the Ocean*** | February 2018 | Developer | github.com/HackTheDeep/paint-the-ocean
Software designed to identify the path of an oil spill on the coastline using computer visualization

- Built using a Docker container to manage the VidStab library in conjunction with FFmpeg
- Docker • Python • OpenCV • FFmpeg • VidStab

The Final Meltdown | January 2018 | Developer | thefinalmeltdown.glitch.me

The Final Meltdown is a virtual reality simulation of the melting polar ice caps as a result of climate change

★ **Best Open Source Hack at SheHacks Boston**

- This immersive WebVR experience can be viewed on mobile, browser, or with any VR headset
- A-Frame • JavaScript • HTML • Glitch • WebVR • Three.js

Legislative Accountability App | In Progress | Full Stack Developer | github.com/ChuckBTaylor/laa-backend

An app providing a text-subscription service to inform citizens about which way their legislators are voting

★ **Unlitch Net Neutrality Hackathon Winner**

- Developed responsive, mobile-first layouts using SASS that are clean, elegant, and streamlined
- Built out geolocation functionality, user input forms, and handled state changes with modular code
- Architected database structure, crafted models, optimized backend methods, and designed APIs
- Ruby on Rails • Twilio • Rest-Client • ProPublica Congress API • PostgreSQL • React • SQL

Destination Slackbot | January 2018 | Sole Developer | github.com/srackley/slackbot

A custom bot for the Slack framework created to provide information about a location

- Built microservices to provide current local time, real-time weather information, and fun facts
- NodeJS • Wit.ai • Express.js • Slack • Superagent • Websockets • Moment • Google Geocode API

Whiskr | December 2017 | Frontend Developer | github.com/srackley/whiskr

A Tinder-like progressive web app for pairing users with local adoptable pets

- Designed the UX/UI using SASS, FontAwesome, and Animate.css for a streamlined experience
- Built modular, flexible React components and managed the state with a Redux store
- Implemented swipe functionality and wrote Axios requests for rejecting and matching with pets
- PetFinder API • React • React-Swipe-Card • Sequelize • Express • Redux • NodeJS • Nodemailer

Articles ***Progressive Web Apps*** | November 2017 | Author | [linkedin.com/pulse/progressive-web-apps-shelby-rackley/](https://www.linkedin.com/pulse/progressive-web-apps-shelby-rackley/)

- Introduction to service workers, manifests, and application shells to utilize modern browsers to combine the benefits of web apps and native mobile apps
- Overview of Google's Lighthouse testing for offline loading, secure origination, and fast performance

Education May 2016 | **Master of Fine Arts in Studio Art**

Texas A&M University – Commerce | Commerce, Texas

May 2013 | **Bachelor of Arts in Fine Arts | Minor in Psychology**

Honors College Graduate with Distinction | Magna Cum Laude

Harding University | Searcy, Arkansas