

# Shelby Rackley

**Contact** 501-827-9722

New York, NY

shelbytrackley@gmail.com

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

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

**Projects** **The Final Meltdown** | January 2018 | Developer | [thefinalmeltdown.glitch.me](https://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](https://github.com/ChuckBTaylor/laa-backend)

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

★ **Unglitch 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](https://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](https://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://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

**Experience** 2013 - 2016 | Graduate Assistant at Texas A&M University - Commerce

- Tutored and assisted more than 500 students for 6 semesters
- Reorganized and streamlined the facilities of the department to increase productivity

**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