# Shelby Rackley

### Contact

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### Skills

**Proficient**: JavaScript, ES6, React, Redux, Node.js, Express, HTML, CSS, PostgreSQL, Git, RegEx, RESTful APIs, SQL, Next.js, Webpack, Websockets, Progressive Web Applications, SASS, NoSQL
**Knowledgeable**: Mocha, Chai, Jasmine, Lodash, Test-Driven Development, AWS, Yarn, Ruby on Rails, WebVR

### Projects

*The Final Meltdown* | January 2018 | Developer | 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**
- ○ The WebVR experience can be viewed on mobile, browser, or with any VR headset
- ● A-Frame · JavaScript · HTML · Glitch

*Legislative Accountability App* | In Progress | Fullstack Developer | 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**
- ○ 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
- ● Node.js · Wit.ai · Express.js · Slack · Superagent · Websockets · Moment · Google Geocode API

*Whiskr* | December 2017 | Full Stack 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
- ○ Implemented swipe functionality and wrote Axios requests for rejecting and matching with pets
- ● PetFinder API · React · React-Swipe-Card · Sequelize · Express · OAuth · Node.js · Nodemailer

### Articles

*Progressive Web Apps* | November 2017 | Author | linkedin.com/pulse/progressive-web-apps-shelby-rackley/
- ○ Introduction to Progressive Web Apps, including using service workers, manifests, and application shells to utilize modern browsers to combine the benefits of web apps and native mobile apps
- ○ Overview of the use of Google's Lighthouse testing functionality to audit a web app for Progressive Web App features, such as 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

December 2017 | **Software Engineering**
Grace Hopper Academy | New York, New York

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