# Shelby Rackley

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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**

## Projects

*Destination Slackbot* | January 2018 | Sole Developer | https://github.com/srackley/slackbot
**A custom bot built to reply to phrases inquiring about a location using Real Time Messaging and Natural Language Processing. The bot uses microservices to provide current local time, weather, and a fun fact about the destination.**
- **Node.js ⬩ Wit.ai ⬩ Express.js ⬩ Slack ⬩ Superagent ⬩ Websockets ⬩ Moment ⬩ Google Geocode API**

*Whiskr* | December 2017 | Developer | https://github.com/srackley/whiskr
**A Tinder-like progressive web app for pairing users with local adoptable pets. All the joy of a dating app, but with actual companionship**
- **Designed the UX and UI using SASS, FontAwesome, and the Animate.css library to provide the user with a streamlined, clearly defined, and pleasurable experience**
- **Set up backend and proxy to boot using the Concurrently Node.js module to utilize dual servers**
- **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 ⬩ Axios ⬩ Concurrently ⬩ Animate.CSS ⬩ React-FontAwesome**

*Palimpsest* | In Progress | Sole Developer | https://github.com/srackley/stackathon
**A prototype for a social e-Reader web app for sharing notes and highlights within the context of your favorite books**
- **Worked with the ePub format, which required a significant time investment to properly parse the information into a format with which JSON was compatible**
- **ePub ⬩ Firebase ⬩ React ⬩ Axios**

*Progressive Web Apps* | November 2017 | Author
- https://www.linkedin.com/pulse/progressive-web-apps-shelby-rackley/
- **Introduction to the Progressive Web App technology, including the use of service workers, manifest.JSON, and application shells to utilize modern browsers to combine the best aspects 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**
- **Provided supplies for 4 or more classes of students every semester**
- **Tutored and assisted more than 500 students for 6 semesters**
- **Reorganized and streamlined the facilities of the department to decrease interruptions in student workflow and 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**