Shelby Rackley

Contact
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Skills

Proficient: JavaScript, ES6,Test-Driven Development, React, Redux, Node.js, Express, HTML, CSS, Sass, PostgreSQL, Git, RegEx, RESTful APIs, SQL, Webpack, Websockets, Progressive Web Applications, NoSQL
Knowledgeable: Mocha, Chai, Jasmine, Lodash, AWS, Yarn, Docker, Photoshop, Bootstrap

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

Legislative Accountability App | In Progress | Frontend Developer | github.com/srackley/laa-front-end
An app providing a text-subscription service to inform citizens about who their legislators are, what bills they are voting on, and how they 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
- ● React・Axios・SASS・Redux

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 and UI using SASS, FontAwesome, and the Animate.css library to provide the user with a streamlined, clearly defined, and pleasurable 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

Destination Slackbot | January 2018 | Sole Developer | github.com/srackley/slackbot
A custom bot for the Slack framework created to provide information in response to phrases inquiring about a location using Real Time Messaging and Natural Language Processing
- ○ Built using separate Node.js microservices to provide current local time, real-time weather information, and an interesting fact about the destination
- ● Node.js・Wit.ai・Express.js・Slack・Superagent・Websockets・Moment・Google Geocode API

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 PWA 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

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