

Amy Shackles

amyshackles.com | LinkedIn: [amyshackles](#) | Github: [amyshackles](#) | amyshackles@gmail.com | (509) 592-8020

SKILLS AND TECHNOLOGIES

- React, Redux, HTML, CSS, LESS, Bootstrap, Git, Jest, Mocha, Chai, Node.js, Django
- MongoDB, PostgreSQL, SQLite, Express.js, Axios, REST, GraphQL, Docker
- JavaScript, Python, C, Swift, Elixir

WORK EXPERIENCE

Software Developer

Skiplist

May 2019 - Mar 2020

- Developed a process to prepare data for sorting by aggregating data from 4 different collections and reflecting updates of that data without disruption of search capability
- Volunteered to rescue a failed demo, turning it into an MVP in 2 weeks, saving the contract
- Authored a script to streamline project onboarding that pulled down all 6 relevant git repositories, linking where necessary, and installed dependencies
- Championed testing, increasing coverage from 0 to 100% in critical areas

Tech: React, Redux, Node.js, Express.js, Docker, Swift, React-Native, MongoDB

PROJECTS

Regex Translator: A tool for self-documenting regular expressions

- Takes in a regular expression as an argument
- Outputs a more human-readable English explanation of what the regex is matching against

Tech: JavaScript

Lisp Interpreter in C: A program that allows you to write a version of Lisp in a repl

- Defines a grammar and parses symbols, numbers, strings, S-Expressions, and Q-Expressions
- Loads a standard library of 40 functions and 3 constants (nil, true, false) on startup
- Enables users to define and use their own functions

Tech: C, mpc parser combinator library

Country Search: A responsive web application utilizing the RESTCountries API

- Utilizes themes from styled-components to add a dark/light theme switcher
- Provides information for 249 countries searchable by name and filterable by region

Tech: React, React Hooks, Reach Router, Styled Components, React-Select

EDUCATION

Certificate of Computer Science, Lambda School

Apr 2018 - Oct 2018

Full-Stack Web Development Emphasis

B.S. Psychology

Washington State University

Aug 2007 - May 2011

OPEN SOURCE CONTRIBUTIONS

[Atom/language-python](#)

[Beej's Guide to C Programming](#)