

AMY SHACKLES

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PROJECTS

LISP INTERPRETER IN C

Oct. 2018 - Present

Lisp Interpreter in C is exactly what it sounds like - a Lisp interpreter in C.

- ◆ Utilized the mpc parser combinator library and followed the Build Your Own Lisp tutorial to create a Lisp language
- ◆ Defined a grammar and implemented the code necessary to parse symbols, numbers, strings, S-Expressions and Q-Expressions.
- ◆ Expanded the capabilities of the Lisp interpreter by loading a standard library on startup

Tech used: C, mpc parser combinator library

CONTRACTALCHEMY

Sep. 2018 - Present

contractAlchemy is a point of sale application for independent contractors to keep track of contracts and create invoices for jobs.

- ◆ Spearheaded back-end development, creating database models and queries and implementing Stripe API integration
- ◆ Contributed to the development of the front-end, including the implementation of route-based code-splitting
- ◆ Authored project documentation

Tech used: React, GraphQL, PostgreSQL, and Django, with SendGrid and Stripe integration

PAIRME!

Jan. 2019

****Won Best Overall Application - Student Voted in Lambda School 2019 Winter Hackathon****

PairMe is an application to connect students who need help with people willing to give it.

- ◆ Collaborated with team-members on database structure
- ◆ Tackled Slack API integration
- ◆ Manually tested application

Tech used: React, Node.js, Express.js, SQLite, Firebase, Slack API

EXPERIENCE

ALLEGIS TRANSCRIPTION SERVICES

Quality Assurance Lead
Renton, WA

Oct. 2016 - Jan. 2018

- ◆ Led a 4-person team responsible for performing QA of over 200 contractors quarterly
- ◆ Conducted 1:1 meetings with individuals falling below quality standards to walk through assessments and provide mentorship
- ◆ Trained new members of Quality Assurance team

Quality Assurance Assistant
Renton, WA

Sep. 2015 - Oct. 2016

- ◆ Verified the accuracy of insurance transcripts
- ◆ Advocated for changes in QA policy to allow for priority escalation
- ◆ Created and maintained spreadsheets to track performance

SELF-EMPLOYED

Freelance Transcriptionist
Remote

2007 - 2018

- ◆ Balanced academic, entertainment, corporate, and insurance contracts to provide strict, smart, and clean verbatim transcripts
- ◆ Conducted research on industry-specific terminology in order to ensure accuracy
- ◆ Coordinated with clients regarding project scope and expectations

TOOLS & TECH

JavaScript
C
Python
Data Structures
Responsive Web Design
Big O Notation
Debugging
Deployment
Git
MongoDB
PostgreSQL
Node.js
React
Redux
Django
Express.js
CSS
HTML 5
REST API
GraphQL

OPEN-SOURCE CONTRIBUTIONS

ATOM/LANGUAGE-PYTHON

Resolved two issues

BEEJ'S GUIDE TO C PROGRAMMING

Edited code examples

EDUCATION

Lambda School

Apr. 2018 - Oct. 2018
Computer Science with Full-Stack Web Development Emphasis

Washington State University

Aug. 2007 - May 2011
B.S. Psychology
Secondary major in Anthropology