



GRETA SCHOCK

SOFTWARE ENGINEER • SEATTLE, WASHINGTON

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SKILLS

FRONTEND

Bootstrap
CSS 3
HTML 5
JavaScript (ES5/ES6)
React (v. 16.8+)

BACKEND

Express.js
MongoDB
Mongoose
Node.js
MySQL
PostgreSQL
REST APIs
SQL

TESTING

Enzyme/Jest
Mocha/Chai
K6/Loader.io
React Testing Library

TECHNOLOGIES

AWS – EC2
Docker
CircleCI
Git/GitHub
Google Developer Tools
Heroku
npm
Postman
VS Code
Webpack

EDUCATION

INTERNATIONAL AFFAIRS & ANTHROPOLOGY

University of Colorado – Boulder
2018

SOFTWARE ENGINEERING IMMERSIVE CERTIFICATE

Hack Reactor
2021

ACCOMPLISHMENTS

ROTARY YOUTH EXCHANGE

Student Ambassador
Brazil 2013-2014

SOFTWARE APPLICATIONS

SMOVE | github.com/BlueOcean-Smove/Smove

PRODUCT MANAGER

React | Bootstrap | Express | MongoDB Atlas | React Testing | Google Authentication | Yelp API
Multi-page web app that enables users to organize all factors of a residential move.

- Led a team of eight software engineers from Smove's conceptualization to final product with an agile workflow of 114 tickets with a 100% success rate on component deliverables
- Utilized Google Authentication in conjunction with MongoDB Atlas to enable users to seamlessly login and collaborate with others across their Smove profile
- Integrated Yelp's API alongside Google Maps to let users explore local moving services in a 25-mile radius based on zip code and type of service required.

BOOTKET LIST | github.com/grsc0529/bootket_list

PERSONAL PROJECT (ONGOING)

React | Bootstrap | Express | PostgreSQL | National Parks Service API

Web app that empowers users to explore and save hikes across the US's National Parks.

- Utilized National Parks Service API to inform users of pertinent trail descriptions in all 63 national parks with hiking access
- Applied PostgreSQL to allow users to save/remove their "Bootket" hikes to their profile
- With React-Bootstrap, incorporated a modal to display the official Seven Principles of Leave No Trace and an accompanying link to educate users on how to minimize environmental impact.

PROJECT CATWALK | github.com/FEC-Brontosaurus & github.com/SDC-Miracle-Max

FULLSTACK SOFTWARE ENGINEER

React | CSS | Express | PostgreSQL | REST API | K6 | AWS | NGINX | Loader.io | Docker

E-commerce platform where users can peruse a specific product's informational overview, questions/answers, and ratings/reviews.

- Designed comprehensive product components using React and CSS to generate an easy-to-navigate UI/UX
- Architected PostgreSQL schema for the product overview service, migrating 14 GB of data, resulting in a quicker query speed of 15 ms (originally 397 ms)
- Optimized the backend system using a combination of Loader.io and NGINX on AWS EC2 instances in order to withstand 1000 RPS of user traffic with an error rate of 0%.

EXPERIENCE

ASSISTANT RETREAT MANAGER

NATURAL RETREATS LLC | 2019 - 2020

Assisted the onsite team in the operation of the day-to-day home rentals and guest relations.

Maintained trusting relationships with both guests and owners across 200 properties.

WILDERNESS THERAPY GUIDE

ASPIRO – HIGH ADVENTURE PROGRAM | 2018 - 2019

Facilitated growth, change, and high adventure activities for adolescents with behavioral, cognitive, or developmental issues. Led over 25 itineraries in Utah, including climbing, biking, skiing, and more.

EDUCATION ABROAD PEER ADVISOR

INTERNATIONAL EDUCATION – CU BOULDER | 2017 - 2018

Advised +300 study abroad programs to help guide potential applicants through the study abroad process. Advising survey showed a 98% helpfulness rating across two semesters from students.