

# EZRA SCHRAGE

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## SKILLS:

**JavaScript** - React, Redux, Node.js, Express.js, D3.js

**Database** - SQL, PostgreSQL, MongoDB

**Other** - Python, Ruby, Ruby on Rails, AWS S3, HTML, CSS

## EXPERIENCE:

**Full Stack Developer** - *The Giving Grape*

Dec 2020 - Present

- Shortening user checkout time by 25% through elimination of redundant frontend components and windows
- Updating frontend component diagrams and documentation to reflect ongoing changes
- Expanding PostgreSQL database to facilitate Stripe integration for recurring payments

**Clinical Information Manager** - *Emergency Medical Associates*

Sep 2014 - Jun 2015

- Documented patient histories and physician exam findings in an emergency department with hundreds of daily patients
- Expedited note writing for team by creating macros for common conditions and particular physicians, saving an hour of work per day

## RECENT PROJECTS:

**MaskRabbit** - Ruby on Rails, React, Redux, PostgreSQL

[live](#) | [GitHub](#)

Marketplace that matches freelancers with customers seeking local help

- Created a single-page application featuring appointment forms managed via Redux store
- Implemented user authentication through backend with BCrypt hashing, frontend with React router, and cookies for persistent login through multiple sessions
- Organized AWS S3 media storage to reduce server load and improve performance
- Developed Rails backend with database and model validations to ensure consistent values

**Dungeon Companion** - MongoDB, Node.js, Express.js, React

[live](#) | [GitHub](#)

Tool for managing character sheets and battles for playing Dungeons and Dragons

- Coordinated team of four software engineers, leveraging git workflow to manage version control
- Facilitated asynchronous requests by using Axios to reduce load times
- Integrated web API to allow searching rules database with partial match support
- Allowed for user profile creation through MongoDB with CRUD functionality

**My State and COVID** - JavaScript, D3.js

[live](#) | [GitHub](#)

Visualization of each state's most recent data from the COVID Tracking Project

- Designed interactive, responsive graphical representation of data through D3.js library
- Incorporated data parsing of statistics from web API to redraw graphs on each page request

## EDUCATION:

[AppAcademy](#) - Full stack web development course with 1000+ hour curriculum, 3% acceptance rate 2020

SUNY Downstate College of Medicine - 65 credits towards Doctor of Medicine 2015-2019

Columbia University School of General Studies - Certificate in Premedical Sciences 2012-2014

NYU Gallatin School - BA Playwriting, minor Classical Civilization, Magna Cum Laude 2009-2012