

# Asher Schectman

P. 267-407-3172 [abschectman@gmail.com](mailto:abschectman@gmail.com) [LinkedIn](#) [Github](#) [Website](#) New York / New York

**Technical Skills** Python, Django, React, JavaScript, Redux, SQL, Git, HTML5, CSS3, AWS, Ruby on Rails, , Elasticsearch, Redis, Celery, Flower, Twilio, DynamoDB

## EXPERIENCE

### Software Engineer II

*Circulation/Logisticare*, Dec 2019 - Present

Technologies: Python, Django, AWS, MySQL, Git, Elasticsearch, DynamoDB, Flower, Redis

- Designed, wrote, and implemented driver API endpoint with full CRUD functionality to fully allow database and frontend integration for drivers.
- Created and implemented a sandbox environment which mocked the behavior of the platform from end to end, used by prospective clients to book thousands of test rides.
- Integrated live webhooks events to and from third party ride scheduling APIs to handle location tracking, ride scheduling, and billing.
- Optimized data storage and lookup time through Elasticsearch indexing and querying, improving speed and efficiency by over 20%.
- Oversaw and developed daily rider sync microservice, which integrated a Python Fabric library to an EC2 instance and S3 storage, and uploaded hundreds of thousands of riders from multiple clients.
- Leveraged Twilio's messaging API and Django's translation service to send and receive IVR and SMS messages to and from riders and organizations.
- Outlined created and maintained error handling through creation of an Operational Alert workflow, Django-Slack integration and custom logging decorators.
- Incorporated DynamoDB with Geo-location webhooks to allow riders and drivers to track live location in mobile and web applications.
- Served as Backend Goalie to monitor and repair errors and performance issues allowing for a smooth and uninterrupted user experience.
- Worked in an Agile and TDD environment using Jira and Gitlab for workflow, and pytest for unit testing.

## PROJECTS

### Couchskiers

[Live Site](#) | [Github](#)

*A single page web app inspired by the popular site couchsurfing.com, allows travelers to connect and find places to stay.*

Technologies: Ruby on Rails, React, Redux, AWS, Postgresql, JavaScript, Git, HTML, CSS, jQuery

- Built independent, modular, and reusable React components facilitating DRY code, enabling faster execution, and improving user experience.
- Leveraged Rails' Action Cable, React and Redis to manage web-socket connections to facilitate realtime chat between hosts and travelers.
- Implemented reactive location searching using custom Ajax requests and backend routes, alongside user input to return the top options, to track user location and enable easy lookup.

### Trip-Helper

[Live Site](#) | [Github](#)

*Data visualization comparing and visualizing foreign exchange rates.*

Technologies: JavaScript, D3, Geo-Json, API Integration

- Formatted Geo-Json by appending HTML path elements via D3 with imported latitude and longitude values to create globe representation with accurate country data.
- Created interactive and responsive globe and bar charts using JavaScript and D3 event listeners to dynamically manipulate the DOM/ CSS to allow for spinning and highlighting effects resulting in an engaging user interaction.

## EDUCATION

**App Academy** - #1 rated software development bootcamp in New York with less than 3% acceptance rate.

Aug - Nov 2019

**Excelsior College** - BS - Liberal Arts - 4.0 GPA

May 2019