

ZACHARY DROGE

SOFTWARE DEVELOPER

NEW YORK, NY

PROFESSIONAL EXPERIENCE

Software Engineering Fellow, Fullstack Academy, New York, NY.

April 2019 - Present.

- Mentored and acted as PM across 4 student teams.
- Conducted code reviews and answered technical questions for group of 60 students.
- Teaching Asst. in CS concepts (DataStructures, Algorithms System Architecture, and Javascript), and frameworks/libraries (SQL,ORM's, Express, React, Redux).
- Administered technical interviews for prospected FSA/Grace Hopper candidates.

Escape Room Founder/owner, Locked Manhattan, Manhattan, KS.

July 2015 - Present

- Hired and manage a team of 7 people towards a successful, fun and engaging business.
- Advanced business to #1 in Manhattan, KS on TripAdvisor. Certificate of Excellence awarded in the last 3 consecutive years.
- Designed, constructed and oversaw all aspects of the development of 7 unique escape room games.
- Coordinated partnerships with local business in the area, provided community outreach programs, and supported local charity events.

Lean Manufacturing intern, Henry Built Co., Seattle, WA.

Sept 2013 - January 2014

- Worked with CEO and CFO to implement LEAN/KANBAN strategies to increase production.
- Capitalized on my role in purchasing to better interact with suppliers, improving relationships.
- Interfaced with suppliers to fill production inventory in which I controlled and oversaw over \$1 Million in inventory and outgoing product.

SKILLS

Javascript, React, Redux, Sequelize, PostGresSQL, Api integration, Node.js, HTML, CSS, Express, Webpack, Socket.io, Waffle.io, Mocha/Chai, Passport (OAuth), Sketch, Git.

PROJECTS

'musicVote'

- bit.ly/2JFHMnI

-Democratized playlist app to give the ability to sync desired music through Spotify.
-Guests can join and add songs, casting votes for songs they want to hear next.
-The app is a web app to give the widest reach and ease for our users.

- Created 'player monitor' and 'post and delete in playlist' functionality via frontend heartbeat function.
- Frontend logic. (React/Redux)
- Planned architecture to use Spotify Api in a unique use case.

Puzzle-Bot - Hackathon

- bit.ly/2TY5rEF

-Web app that allowing users to generate word puzzles to be broadcast via twitter.
Crowd sources puzzle api.
Submitted puzzles tweeted to @puzzlebot2, w/ a unique hash, @ parsed to remove curse words.
-Website allows for puzzle to be answered w/ score keeping.

- Used Twitter Api to create tweets.
- Composed "bad-word" parsing and hash creation.
- Built frontend styling and backend routing.

'Emotions-R-Us'

- bit.ly/2uBmttb

-Make 'meta' purchases of emotions to show principles of e-commerce website development.
-E-commerce platform was a creative way to implement a retail oriented user experience and work within an agile team.

- Enabled OAuth w/ Google and GitHub.
- Created React/Redux components.
- Built backend models and routes.

ACADEMIC PROFILE

Fullstack Academy of Code, Full Stack Engineering

(November 2018-April 2019)

Kansas State University, MFA in Education

(August 2014 - 2017. incomplete)

Kansas State University, Bachelor's of Fine Arts

(August 2006 - December 2011).



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