Christian Perea

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PROJECTS

PodCaster   Live Site | Github
A Pixel Perfect Spotify Clone
- Implemented CRUD functionality using Ruby and PostgreSQL for database queries alongside the rails MVC framework to control routing. ReactJS was used to create components and persist app state in the frontend. UI/UX styling was done with HTML5 and CSS3.
- Incorporated AWS S3 Cloud storage to hold user audio and images in data buckets.
- Constructed a media player from scratch using HTML5's audio tags combined with React's single page app capabilities for continuous audio play from the media component.

WhereToFeast   Live Site | Github
A Location Based Cuisine Randomizer
- Contributed to this 4 person MERN stack project as Flex engineer, performing data queries to the NoSQL database MongoDB on the backend and created components that persist state using ReactJS on the frontend.
- Designed a map component utilizing the Google Maps API and HTML5s Geolocation API to get a user's current location (with consent) and show restaurants within a .5 mile radius. Equipped with the Google Places API all restaurant info is displayed.
- Prioritized Git feature-branch workflow, one central repo was created allowing team members to work on separate branches without affecting the master branch unless a pull request was approved and merged.

TrackMaster   Live Site | Github
An Interactive Audio Sequencer
- Created an audio sequencer using the Tone.js API to control all audio aspects including, synth sounds, octaves, BPM, play and pause controls. JavaScript used for sequence logic.
- Applied all styling and animations with pure CSS and Vanilla JavaScript DOM node manipulation.
- Utilized webpack to bundle up dependencies, and front-end assets (HTML, CSS, images) making public deployment more manageable.

EXPERIENCE

Technician
BMW of Manhattan, Feb 2018 - Feb 2020
- Executed the mechanical and software diagnosis of 2600+ vehicles a year with a 96% no-comeback rate using KSD and ISTA-P software.
- Produced repairs for all those vehicles with a 94% efficiency rate.
- Collaborated with a team of 50+ technicians in a corporate dealership setting resulting in quick turnaround times and pleased customers.

Manager
UBREAKIFIX, Mar 2016 - Jan 2018
- Oversaw the inventory, scheduling and marketing of a 75k+ a month franchise location.
- Supervised and trained a team of 4 technicians to be proficient in MOBO repair, software and hardware diagnosis/repair.
- Secured 20+ local business and education contracts allowing for increased profit returns.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development. <3 % acceptance (Spring 2020)
Nassau Community College - *AS - Computer Science*   (Spring 2019 - Present)

SKILLS
ReactJS, JavaScript, Redux, Node.js, JQuery, Ruby, MongoDB, Express.js, Python, Java, HTML5, CSS3, Ruby on Rails, SQL, NoSQL, Babel, Webpack, AWS S3, Git