Jonathan Andrade

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SKILLS

JavaScript, React, Redux, Express, PostgreSQL, RESTful APIs, Node.js, Git, Firebase authentication, Heroku deployment, HTML5, CSS3, MaterializeCSS, Agile software development.

PROJECTS

Envizo (D3, React, Redux, Node.js,MaterializeCSS, AWS,PostgreSQL)   **Live Version** | **GitHub**
An application that increases the visibility of environmental issues and encourages communities to set goals together
- Collaborated on a team of four to develop an application from ideation to MVP and presented it to a panel of industry experts
- Utilized D3 library and NYC Open Data API to display monthly waste by borough
- Built a calculator using React to that shows the users their monthly and yearly garbage output

BlueBadger (React, AJAX, Express, Node.js, PostgreSQL, Passport, Bcrypt, MaterializeCSS**)**   **Live Version** | **GitHub**
Application focused on entertaining the user with posts and videos fetched from the Reddit API
- Created a single page application using React hooks to manage user data
- Designed an intuitive and reliable mobile friendly experience with MaterializeCSS
- Devised modular and reusable components with React and Javascript

Stonks (React, AJAX, Firebase Authentication)   **Live Version** | **GitHub**
App that allows you to track your virtual portfolio using virtual currency to view your the current state of stocks
- Managed JSON responses from IEX Cloud API to provide users with up-to-date data on their virtual investments
- Implemented firebase authentication to store users important information and create a secure user experience

Pathfinder (Canvas)   **Live Version** | **GitHub**
A pathfinding visualizer, this project uses vanilla JavaScript and Canvas to show the user how A* and Dijkstra's algorithm acquire the shortest path between two points from randomly generated mazes
- Applied undirected graphs to implement algorithms to find the shortest path between two points

EXPERIENCE

Pursuit   **Long Island City , NY**
Full Stack Web Instructional Associate   *September 2019 - May 2020*
- Lead review sessions to a classroom of 30 students on JavaScript Fundamentals, Github Workflow, DOM Manipulation, Express, and React
- Collaborated and created lesson plans to engage and prepare them on software engineering fundamentals
- Created data-driven development plans to track the individual progress of students through the use of Google Sheets, Canvas, Trello, large projects and technical assessments.

EDUCATION

Pursuit   **Long Island City , NY**
Full Stack Web Fellow   *2018 - 2019*
- Gained hands-on experience with JavaScript, HTML5, CSS3, Node.js, Express, React/Redux, PostgreSQL, RESTful APIs, Git
- Exercised agile methodology to manage the creation of full stack applications in a team-based environment

Queensborough Community College   **Bayside, NY**
Associate in Applied Science Degree (AAS)   Graduation: June 2017