Nick Roberts

meadowlab.io
github.com/nickroberts404

nickroberts404@gmail.com
512-788-3156
Austin, TX

Education

The University of Texas Austin, TX   *Fall 2012 - Spring 2016*

- B.S.A in Computer Science
- Relevant Coursework: Software Engineering, Data Management, Info Retrieval and Web Search

Work Experience

StreamMe Austin, TX   *April 2017 - August 2018*
Front End Engineer

- Collaborated closely with a team of 10 engineers to build and maintain a video streaming platform
- Led development of greenfield project "Communities" to build a more inclusive environment for streamers
- Used React and Flux to develop and enhance the UX/UI for an isomorphic web app, focusing on a realtime chat component, helpful style guide, and GDPR compliance

The World's Coffee Austin, TX   *November 2016 - January 2017*
Freelance Software Engineer

- Built and deployed early-stage coffee bean storefront in 2 months, including an inventory management system
- Used React and Redux to build out the client and admin sites, Express for the API, and Stripe's API for payments

Weebly San Francisco, CA   *June 2015-August 2015*
Software Engineer Intern

- Worked on the drag n' drop team to build a more secure and responsive website creator using PHP and Backbone.js
- Migrated the editor to an iframe to prevent code injection, focusing personally on inter-window communication

Projects

PlaceList Express, GraphQL, React, Google Maps API   *July 2019*

- A simple app for creating and sharing "playlists" of places, using Google's Places API for location data
- Server authenticates with Facebook credentials and uses Apollo to provide a GraphQL interface for client

Groovin React, D3   *June 2019*

- A circular 8-part drum machine that outputs MIDI note/velocity in addition to playing samples through Web Audio
- Built to test capabilities of @react-midi, can receive as well as send MIDI clock and transport messages

@react-midi React   *April 2019*

- A library of hooks and components for working with MIDI in React, used for communicating with music devices
- Encourages a more tactile web experience by making it easy to accept input from knobs, sliders, and buttons

Daily Journal React, Redux, Local Storage   *March 2019*

- A journal for keeping short summaries of day's activities used for personal reflection
- Implements drag n' drop for organization and a Github inspired contribution calendar for motivation/navigation

Technical Skills

JavaScript, Python, React, Redux, Express, ES6, GraphQL, MongoDB, D3, Sass, GIS, Git, HTML5/CSS3