Willy Mello

Software Engineer

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SKILLS

TECH: Javascript, Express.js, Node.js, Sequelize.js, React.js, Firestore, React Native, CSS, SQL, PostegreSQL, Git/GitHub, HTML, socket.io, Sequelize, Webpack, Mocha, Chai, Spotify Oauth

PROJECTS

Vibe 2.0 - Solo Project
Mar. 2019

A rebuilt React version of my January project. Utilizes Spotify Oauth, Charts.js, Node; visualizes a user's musical taste based on their most popular tracks and artists.
https://github.com/willy-mello/spotify-data-vis

Personal Portfolio
Mar. 2019

A simple React.js SPA hosted on Github Pages.
https://willy-mello.github.io/react-portfolio

'Zero Patients'-Capstone Project
Feb. 2019

A web based clone of the board game Pandemic where players cooperatively work to stop the spread of diseases across the planet. Users can view the board on any screen with an internet connection, and control their player with their mobile device. Built with Javascript, React and Flexbox; hosted on Google Firestore; served up with Node.js.
https://pandemic-clone.firebaseapp.com/

'Vibe' - Fullstack Stackathon
Jan. 2019

A React-Native app that visualizes personal music taste using Spotify's API, 5 day hackathon project.

'Rock Shop' - Fullstack Grace-Shopper Project
Jan. 2019

A lean Amazon shopping clone where users, logged in or not, can add items to a cart and check out. Built with Javascript, React, Redux, React-Bootstrap, and PostgreSQL; hosted on Heroku; served up with Node.js.

EMPLOYMENT

Blair Academy, *History Teacher/ Wrestling Coach*, Blairstown, NJ   2015 - 2018
- Taught AP US History and Global Issues.
- Mentored a cohort of 12 students.
- Served as live-in housemaster of West Hall for 26 students.
- Led practices, managed travel, and coached team resulting in a #1 high school wrestling program ranking in the USA.

Conrad Public Schools, *English and History Teacher/ Wrestling*, *Football*, *Track Coach*, Conrad, MT
- Taught 6th, 7th, and 8th grade students English and History.
- Coached high school and middle school wrestling, track and football.

EDUCATION

Fullstack Academy   Aug. 2018

1 ranked coding bootcamp in the USA, emphasizing pair programming, test driven development and able to learn whole language, libraries within 3 months

Duke University   June 2007 - May 2011

History BA 2011

AWARDS

2017 NPSW Assistant Wrestling Coach of the Year