

# Daniel Nester

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*Full-stack developer with a passion for creative coding. Leveraging a background in music and education with a focus on collaboration to support constructive team-work, looking for my next professional home. With years of experience in teamwork and leadership, led my coding team to win several awards on multiple projects, have been consulted often by members of my cohort for help and advice, and was recommended for a Teaching Assistantship by my class instructor.*

## Education

**Certificate in Full Stack Development** - University of Denver (March 2020)

**Doctorate in Music and Pedagogy** - University of Colorado Boulder (2018)

## Technical Skills

**Programing Languages Known:** HTML 5, CSS, JavaScript (ES6)

**Front End:** React.js (including hooks), REST API queries, 3<sup>rd</sup> party JS and CSS library integration, deployment of web pages

**Back End:** Node.js, Express servers, REST API creation, NPM, Handlebars, Sequelize

**Cross Stack:** MERN stack, jQuery, Test Driven Development with Jest, MySQL, Object Oriented Programming, MongoDB and Mongoose, PWA creation (including offline support)

**In Development:** Python

## Select Projects

**Flint'z Skinz;** GitHub repo: <https://github.com/c-frog/Paint-Brush> | URL: <https://flintz-skinz-2.herokuapp.com/>

A full stack, paint-brush style application following the ORM structure that allows users to create doodles, replay their creations as animation, and store the animations to a global database.

*Technologies and Libraries Used:* jQuery, Unsplash API calls, HTML 5 Canvas, p5.js, Materialize CSS, Express Server, MySQL with Sequelize, Node.js

**Bone'z Beatz;** GitHub repo: <https://github.com/tzvik15/Bonez-Beatz> | URL: <https://tzvik15.github.io/Bonez-Beatz/>

A customizable soundboard application, where the user connects sound bites to buttons on a virtual keyboard, and the sounds play when the key is pressed. Includes recording functionality, API queries, and 3<sup>rd</sup> party JS library integration.

*Technologies and Libraries Used:* jQuery, HTML 5 Drag-and-Drop, AJAX calls to external APIs, Bulma CSS, Artyom.js

## Work Experience

*Colorado Music Institute*

**2018 – Present**

**Web Developer (2019 - Present)**

Tasked with updating and maintaining the web page and overseeing social media, utilizing WordPress and MindBody.

**Program Director (2018 - Present)**

Administer leadership and program oversight.

- 30% expansion in the client base achieved in one year by developing positive relationships with prospective clients and meticulously pursuing those connections.

*Arapahoe Philharmonic*

**2015 – Present**

**Principal Bassoon**

Perform with the orchestra, having been invited to assume leadership roles in its development. Lead rehearsals and serve as a featured soloist, a member on the board of directors, and an audition and competition judge.