

I am a full stack software engineer with 3 years of experience developing web apps, and 5 years of experience working with databases. As a data analyst in academia, I learned how to identify and visualize patterns in large datasets and automate data manipulations. This research background enabled me to progress into an Ecommerce data science role where I continued to hone these skills. During that time, I also found my passion working with web technologies and using CSS, HTML, and JavaScript to gather and display data more efficiently, which is now my primary focus.

Client-Side HTML, CSS, JavaScript, React, Angular	Databases MongoDB, SQL	Source Control Git
Server-Side Node.js, Express, Ruby, Rails	Build Tools Webpack	Cloud AWS S3, Heroku

INDEPENDENT PROJECTS

Exerdice | CSS, HTML, TypeScript, Angular 8, Ruby on Rails, PostgreSQL

Live: exerdice.netlify.com | **Code:** github.com/rtviner/exerdice-ng, github.com/rtviner/exerdiceBackend

- Exerdice randomly combines 21 kettlebell and bodyweight exercises into varied whole body workouts.
- The application uses Angular routing to create different page views within a single page application and Angular animations to draw the users attention to the dice during each "roll".
- The application generates a random number between 1 and 6 for each "roll" and then interacts with a Ruby on Rails API to read the exercise data associated with that number from the PostgreSQL database.

Brew Ratio | CSS, HTML, JavaScript, React, Node.js, Ruby on Rails, PostgreSQL

Live: brewratio.netlify.com | **Code:** github.com/rtviner/brew-ratio-client, github.com/rtviner/brew-ratio

- An interactive coffee brewing tool including a timer, instructions, and recommended coffee/water amounts for 3 different coffee brewing methods.
- Brew Ratio displays JSON brewing instructions data, read from a PostgreSQL database via a Ruby on Rails Rest API, and updates all brew settings based on the brewing method selected by the user.
- The user can also change any of the brewing settings (strength, brewed cups, coffee/water grams, and brew time) manually and then save their settings to their browser's local storage.

PROFESSIONAL EXPERIENCE

Natural Grocers | 2017 - 2018 | *Purchasing Data Integrity Specialist*

- Resolved 65+ tickets weekly and contributed to a 50% reduction in the department's store support incident resolution time, by finding and fixing discrepancies between product received at the store and the product data in the supply and inventory databases.
- Helped to develop an automated purchase order template built with Visual Basic in Excel to improve the efficiency and accuracy of 7500+ purchase orders created each week for the 470 NG stores.

Planet Cyclery | 2016 - 2017 | *Content Department Manager*

- Developed a protocol to add and maintain product data with 500% greater efficiency and 95% improved accuracy using csv files and excel IF and v-lookup formulas.
- Created and deployed tri-weekly emails via MailChimp, CSS, and HTML reaching over 20,000 plus customers to promote sales of selected products.

University of Colorado Colorado Springs | 2013 - 2015 | *Data Analyst and Lecturer*

- Analyzed nutrient intake from 1350 meals, exercise expenditure from 300 exercise sessions, and 30 DXA bone scan datasets for relationships and patterns using ESHA Food Processor, Excel, and SPSS software.

EDUCATION

Web Development 101 | The Odin Project | 2017 - 2020

Full Stack Development | freeCodeCamp | 2017 - Present

Master of Science in Sport Nutrition | University of Colorado, Colorado Springs, CO | 2010 - 2013