

PAUL KIM

Software Engineer

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SKILLS

Rails, Express.js, JavaScript, SQL, PostgreSQL, Mongoose, MongoDB, jQuery, Node.js, Python, React, Redux, D3, HTML, SCSS, CSS, Ruby, Git, Heroku, AWS, Webpack

PROJECTS

PaulTrails (*React/Redux, Rails, PostgreSQL, HTML, CSS, Heroku*)

[live](#) | [github](#)

A single-page AllTrails clone where users can browse national parks and their associated trails

- Developed an efficient backend utilizing RESTful Rails Routes and Controllers to dispatch JSON data displayed on the frontend
- Created a search bar using React Hooks, allowing users to quickly and easily navigate through the application
- Leveraged a single flexible review form component for creating and updating reviews by passing in different states, ensuring DRY code

Corantime (*JavaScript, D3*)

[live](#) | [github](#)

A vanilla JavaScript data visualization displaying various statistics on the Coronavirus pandemic

- Implemented hover functionality through the use of event listeners, granting users the ability to view actual data points with enhanced precision
- Incorporated JavaScript classes with numerous instance methods and built several helper functions, resulting in clean and organized object-oriented code

Vibe (*MongoDB/Mongoose, Express.js, React/Redux, Node.js*)

[live](#) | [github](#)

A MERN stack team project in which playlists are curated for users based on their current mood

- Designed MongoDB database in conjunction with Express routing methods, enabling users to save and delete playlists
- Collaborated with frontend lead to successfully retrieve playlist information from the Spotify API, allowing users to listen to playlists directly on the application

EXPERIENCE

Data Analyst

Educational Results Partnership

Aug 2019 - Apr 2021

- California Community Colleges Project: constructed metrics in SQL to increase funding, inform policy decision, and improve equity in education
- George W. Bush Institute Project: collected and manipulated census data using Python, providing insight to measure how well states prepare children for the workforce
- Student Athletics Dashboard: optimized outdated SQL scripts and rebuilt dashboard to reduce build time by 50%

EDUCATION

App Academy

Full-stack Web Development

Aug 2021

University of California, Davis

Bachelor of Science, Applied Statistics

Aug 2017