

DANIEL BOURDIER

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[Email](#)

[Portfolio](#)

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[GitHub](#)

[AngelList](#)

SKILLS JavaScript, Ruby on Rails, React - Redux, Postgresql, SQL, SQLite3, Mongoose, MongoDB, Express.js, JQuery, Node.js, WebPack, D3, HTML5, CSS, Git, GitHub, Heroku

PROJECTS

COVID Interactive Bubble Chart (*D3.js, Node.js, Javascript, CSS3*)

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

- Authored the use of an API that fetches asynchronously updated data with visualized statistics on all 50 states' recovery rate, hospitalization rate, and more with the D3 library.
- Executed the use of D3.js' force manipulation through complex algorithms relative to each node's radius and overcame collision between free-flowing nodes until negative force charge was applied simulating repulsion.
- Designed an enriched UI for clients to choose their filter with D3's parsing fetched source data to size node radii according to an iterated object in the CSV file and redraws the SVG window as opposed to a refreshing page.

Tri' Harder: A MapMyRun Clone (*React/Redux, Rails 5, GoogleMapsAPI*)

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

- Implemented React-Redux structuring for user authentication with session tokens, utilizing BCrypt for password hashing.
- Capitalized Redux state management to allow seamless communication between frontend and backend structuring to enable CRUD functionality where users can create, edit, and remove content.
- Built interactive visualization with Recharts' library for accurate data of routes ran and workouts logged.
- Leveraged Google maps API to fetch data allowing users to dynamically create polylines/nodes with stored coordinates contingent on the API's success response on a rendered map with intuitive and responsive design.
- Manipulated Client entered data that directly communicates with the backend database while fetching bootstrapped user data to establish user ownership of created objects.
- Dispatched data to store through the React-Redux cycle and middleware to update backend with user entered information such as account details and PII.

EXPERIENCE

U.S Army Special Warfare Center of Excellence

Fort Bragg, NC

Human Resources Analyst

Oct 2018 - May 2019

- Spearheaded the application of an SQL database-like mass personnel tracking system slotting 25,000+ employees over three days, exceeding the organization's standard of 80% to > 95% readiness.
- Queried databases successfully executing organization-wide deadlines for weekly chain of command briefings that included statistics, forecasts, and data of subordinate departments.
- Audited internal documentation including Purple Hearts, Bronze Stars, medals of honors, clearances, and classifications to verify regulatory compliance that required leadership authorization and approvals.

U.S Army Special Warfare Education Group

Fort Bragg, NC

Human Resources Specialist

April 2015 - October 2018

- Proposed and implemented administrative changes that resulted in an average imbursement of \$1,500 - \$2000 of missing income from two years back for both students and cadre alike.
- Conducted monthly inventories ensuring 100% accountability of over \$250,000 worth of equipment ranging from electrical equipment, sound systems, and restricted property located on/offsite.
- Championed a role four pay grades my senior, quickly adapting to meeting quarterly organization level inspections of a 90% success rate.

EDUCATION

App Academy - Intensive Software Engineering Immersive with over 900 hours of coding experience - 2020

Special Warfare Center of Excellence - Equal Opportunity & Sexual Harassment training - 2019

Fort Jackson Human Resources Training - training consisting of database, and personnel record management - 2015