

# Vlad Bulvakhter

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## SKILLS

JavaScript, React, Redux, D3, Node.js, Ruby, Ruby on Rails, HTML5, CSS3, SQL, JQuery, Leaflet, Postgres, Webpack, Babel

## PROJECTS

**Where is my BART?** | (React/Redux, React Leaflet, CSS3, Leaflet Geometry, React Select, Webpack)

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

A dynamic web app to track BART train locations in real-time.

- Leveraged BART API, Redux Flux architecture and Leaflet geospatial library to dynamically fetch BART stations' departures every fifteen seconds and interpolate trains' positions on a map in real-time.
- Designed reusable React animation component that utilizes React hooks, Leaflet's interactivity and web-native API to control trains' speed and allow for smoother and time-sensitive train movements across the map.

**Yello!** | (Ruby on Rails, PostgreSQL, React, Redux, React-beautiful-dnd, Webpack, Heroku)

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

A single-page application Trello clone for organizing and managing projects via customizable personal boards.

- Engineered smooth, intuitive UI with high usability by leveraging React components and React-beautiful-dnd library to allow users to create, update and drag and drop todo lists and cards.
- Designed board tracking system through utilizing DOM event handlers, React life-cycle methods and Ruby on Rails action controllers to keep track and dynamically update four most recent boards visited by the user.
- Integrated PostgreSQL database with Redux global store, designing custom middleware to fetch, update and persist order of lists and cards both on the front-end and in the database.

**Venture Money** | (JavaScript, D3, CSS3, Webpack, FS Node, JQuery, Webpack)

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

An interactive data-visualization app to engage with venture funding data segmented by industry, rounds and years.

- Implemented D3 General Update Pattern (enter/update/exit) and D3 Data Joins to bind Crunchbase dataset to DOM elements and manipulate data input based on user interactions and dynamically-changing data attributes.
- Integrated Node.js file system with D3 nesting functionality to read, write and group Crunchbase data and power multiple D3 visualizations and animations.

## EXPERIENCE

Product Marketer

Woopra

Apr 2017 - Apr 2019

- Spearheaded company's website redesign project, leveraging React and Keystone JS and collaborated with the engineering team on website's architecture and design, resulting in 2.5X increase of new signup conversion rate.
- Designed and streamlined company's knowledge base and SDKs decreasing number of support tickets by 17%.

Growth Adviser

ScreenMeet

Dec 2016 - Apr 2017

- Set up and optimized email drip campaigns to activate and eventually convert high-value desktop trial users achieving a 4% increase in activations and 8% in conversions respectively.

## EDUCATION

Boston University - B.S. Business Administration, double concentration in Finance and Accounting

App Academy - Full-stack Web Development: Rails, SQL, JS, React, TDD, algorithms, design patterns