

Harrison Brown

Software Developer

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PROJECTS

Slabb — [link](#) - [github](#)

Feature-rich live chat web app using Ruby on Rails, PostgreSQL, React.js, and Redux

- Implemented live chat functionality by using the Pusher API to implement full-duplex websocket connections, allowing the app to live-update everything from direct message notifications to emoji.
- Ensured maximum user fun by supporting emoji functionality with the react-emoji node package.

Data Don't Lie — [link](#) - [github](#)

NBA statistics data visualization built with D3.js

- Powerful, functionally-inspired design allows for easy customization of visual or data elements.

ZeroOne — [github](#)

Ultra-lightweight JavaScript-based 0-1 integer programming library.

- Tracks the extent of players' knowledge in a "smart" Minesweeper game and allows forgiveness for random losses

EXPERIENCE

Tec-Trac, Inc. — *Customer Support Engineer*

8/2014 - 12/2016

- Provided enthusiastic customer service for a vehicle monitoring app for parents of teen drivers.
- Oversaw transition to a new mobile tracking hardware solution, including writing low-level hardware scripts and backend parsing algorithms for the new trackers.

GitHub: [hrb90](#)
[LinkedIn](#)
[harrisonrbrown.com](#)

EDUCATION

University of Alabama, Tuscaloosa — B.S. Mathematics

DECEMBER 2012

Took courses in linear and abstract algebra, graph theory and combinatorics, and theoretical CS.

App Academy, New York

1000-hour full-stack web development bootcamp with < 3% acceptance rate

SKILLS

- Git
- Ruby
- Rails
- PostgreSQL
- MS SQL Server
- JavaScript
- HTML
- CSS
- React.js
- Redux
- Python
- AWS
- TDD