

DAVID PEASE

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, webpack, jQuery, Git, Heroku, D3JS

PROJECTS

Brainscape Clone (Rails, ReactJS)

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

Clone of the digital flashcard site, Brainscape, using Ruby and Javascript

- Created a digital flashcard application tracking a users' progress by monitoring feedback and accuracy.
- Built user authentication using BCrypt providing authorized users CRUD features for flashcards and decks.
- Built a confidence rating algorithm to track a learner's progress dynamically.

Pillar (MongoDB, ExpressJS, React/Redux, NodeJS)

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

Multi-room chat application

- Implemented multi-room chat feature using websocket, allowing users to interact across many rooms simultaneously.
- Developed backend no-SQL database structure to enable efficient lookups and records management.
- Designed efficient frontend Redux state to enable real-time chat functionality.

LifeLine (Javascript, D3.JS)

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

Interactive, single-page, web-app built using Javascript and D3.JS

- Leveraged D3.JS to creatively present a users lifespan as a grid of squares.
- Connected WorldBank data with a simple yet powerful visualization of average life spans across the world.

EXPERIENCE

Director of Client Success

Dataminr

Nov 2015 - Aug 2020

- Led development and execution of client engagement strategy for the U.S. Department of Defense, effectively securing the largest contract in the company's history.
- Developed and created a highly flexible user training program, enabling rapid on-boarding of thousands of new users.
- Managed client engagement during two parallel product development programs for 300 DoD users, resulting in successful expansion into new data sources and launch of mobile application.
- Conducted weekly reporting and analysis of public sector usage statistics to provide data-driven insights on 10,000 users.

Operations Manager

United States Army

May 2005 - August 2013

- Selected over peers to serve as one of only 12 CH-47 company commanders in regular active duty army.
- Supervised 72 soldiers and 12 CH-47F Chinook helicopters worth approximately \$390,000,000.
- Distinguished honor graduate (Number One of 50 students) from US Army Aviation school.

EDUCATION

Web Development - App Academy

Fall 2020

Immersive software development course with a focus on full-stack web development (1000+ hours of coding).

MBA - Columbia Business School

Spring 2015

BA Accounting and Information Systems - University of Massachusetts

Spring 2005

Introduction to Computer Science - HarvardX

Fall 2019

Introduction to Web Development - HarvardX

Summer 2020

MIT Big Data and Social Analytics - MIT Online

Fall 2017