

Avital Drucker

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| Projects | Greatreads [Ruby on Rails, JavaScript, React, Redux] Live • GitHub <i>Full-stack web application inspired by Goodreads that allows users to view, review, and collect books through bookshelves.</i> <ul style="list-style-type: none">• Reused React components, such as bookshelf forms, for DRY code.• Reduced data fetched through AJAX requests, and seamlessly rendered data through a load reducer in the Redux state.• Implemented autocompleting search results through AJAX requests sent on user input, and wrote a SQL query to implement smart search for book titles.• Used Paperclip to store images through AWS S3, improving performance and scalability. |
| | Tetris [JavaScript] Live • GitHub <i>The classic interactive, tile-matching browser game.</i> <ul style="list-style-type: none">• Used the native browser DOM API to render the changing grid and scores and allow for user interaction, and displayed a preview of the next tile through HTML5 Canvas.• Implemented logic for the game, board, and tile classes - including various types of rotation - through prototypal inheritance and object-oriented programming.• Wrote asynchronous callbacks to change tile descent speed as the level increases. |
| | Chess [Ruby] GitHub <ul style="list-style-type: none">• Implemented game logic and interaction through board, game, and piece classes, using object-oriented programming, inheritance, and shared modules. |
| | Skills Ruby, Ruby on Rails, RSpec, JavaScript, React, Redux, jQuery, HTML, CSS, SQL, Git |
| Education | App Academy, New York, NY December 2016-March 2017 Full-stack, 1,000-hour web development course. Acceptance rate <5%. Topics include Rails, React, TDD, algorithms, OOP, coding style, single-page apps, and best practices. |
| | McGill University, Montreal, QC, CA September 2011-June 2014 Bachelor of Arts, Political Science GPA 3.8. Dean's List and performance within the top 10% of graduating class. Courses included Foundations of Programming (Java, A). |
| Work History | Research Management Intern July-October 2016 Hudson Institute, Washington, DC Contributed to reports by researching and writing briefs on Eurasian foreign policy. |
| | Project Assistant, Dinu Patriciu Eurasia Center February-June 2016 Atlantic Council, Washington, DC Expanded outreach by managing email blasts and site content through Salesforce and planning dozens of events with U.S. and Eurasian leaders. |
| | Planned Giving Assistant June 2014-July 2015 American Jewish Committee, New York, NY Improved organization of fundraising data through The Raiser's Edge and MS Excel. |