

Carolyn Walsh

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SKILLS

Ruby ♦ Rails ♦ RSpec ♦ JavaScript ♦ jQuery ♦ React ♦ Redux ♦ SQL ♦ HTML5 ♦ CSS3 ♦ Git

PROJECTS

Giles ♦ inspired by Libib and built with Rails and React/Redux [live](#) ♦ [github](#)

- Leverages custom middleware to save the current library in localStorage, preventing data loss on page refresh for seamless user experience
- Queries Google Books API, allowing users to easily add a book to their library along with its metadata and remotely-hosted cover art
- React components are modular and reusable for DRY front-end code

starDOM ♦ JavaScript library for intuitive DOM manipulation [live](#) ♦ [github](#)

- Wraps DOM nodes in a custom JavaScript class for simple manipulation, traversal, and event handling; flexible AJAX interface allows for dependent function chaining

Bubble Jam ♦ dynamic match-three game built in vanilla JavaScript [live](#) ♦ [github](#)

- Relies on HTML5's Canvas API for smooth animation
 - Implements a doubly-linked list for constant time insertion and deletion of bubbles in the chain
 - Recursively checks for matching bubbles to pop after a collision
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EXPERIENCE

Senior Tutor ♦ Inspirica (2013 - 2017)

- Coached students to measurable improvement on tests ranging from middle school to graduate admissions by designing and implementing personalized curricula

Co-Founder & CFO ♦ Forgotten Language Herbs (2015 - 2016)

- Created business plan and collaborated in development of a line of effective herbal remedies targeted at a modern urban market

Director of Operations ♦ Salty Road (2012 - 2015)

- Contributed to 270% revenue increase by implementing inventory-management best-practices and creating financial models to facilitate responsible growth
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EDUCATION

App Academy, New York, NY ♦ 2017

- 1000-hour full-stack web development intensive with emphasis on TDD, OOP, pair programming, and best practices

St. John's College, Annapolis, MD ♦ BA Liberal Arts 2009

- Curriculum includes analytic geometry, calculus, biology, chemistry, and physics including celestial mechanics, electromagnetism, relativity, and quantum mechanics.