Cameron Couch

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(860) 817-2397
Brooklyn, NY

PROJECTS

Stack— *Single-Page Messaging App*   Live   GitHub
- Implemented live chat using the WebSocket API via Rails' Action Cable, enabling real-time messaging
- Built modals with React-Redux and CSS3 for optional rendering of site forms and sidebars
- Applied Rails' polymorphic associations to user subscriptions to channels and workspaces to DRY code

Zoo Dots — *Puzzle Game*   Live   GitHub
- Constructed in vanilla JavaScript, HTML5, and CSS3 following Object Oriented Programming (OOP) principles
- Rendered HTML Canvas elements using JavaScript to track game piece positions and identities in a two-dimensional grid
- Wrote game logic from scratch and refactored to decrease time complexity for a smoother user experience

EXPERIENCE

Infinity Woven Products — *VP of Marketing*
SEP 2015 - DEC 2016

- Headed company site redesign, emphasizing Search Engine Optimization, improved user experience, and better stats tracking via Google Analytics
- Set-up Google AdWords for paid search, geo-targeting marine professionals, increasing daily site traffic by +25% during industry events
- Built and managed an annual marketing budget of over $500,000 for a multimillion-dollar marine supplier
- Designed booth displays and coordinated shipping, labor, and housing for seven trade shows

Harvard Medical School — *Research Technician*
JUN 2013 - AUG 2015

- Designed and carried out experiments to study activity-dependent gene transcription in mice
- Analyzed and quantified images, compiled data, and presented findings in weekly meetings
- Assisted with editing of three published manuscripts

From Fact to Fiction to Fantasy: Writing About Science — *Instructor*
FALL 2012

- Crafted syllabus, planned lessons, and co-taught a workshop-style, student-run creative writing course

SKILLS

React.js	Redux	JavaScript
jQuery	Ruby	Rails
RSpec	SQL	HTML/CSS
AdWords	Git	Photoshop
OOP	SEO	Excel

EDUCATION

App Academy
NOV 2018 - FEB 2019

Rigorous 1000-hour full-stack web development intensive with <3% acceptance rate.

Topics covered: Ruby, Rails, TDD JavaScript, React.js, Redux, SQL, algorithms, and programming best practices.

Wesleyan University,
CLASS OF 2013

BA Neuroscience and English, Writing Certificate