

CAMERON COUCH

(860) 817-2397

cameronhcouch@gmail.com

www.cameroncouch.me

[LinkedIn](#)

[GitHub](#)

SKILLS Ruby, Rails, React, SQL, JavaScript, Node, CSS, HTML, Vue.js, Laravel, Git, GraphQL, MongoDB, Responsive Web Dev, Accessibility, Docker, Salesforce, Jira, Test-Driven Development

EXPERIENCE

Junior Developer

Reflexions

Jul 2019 - Present

- Collaborate with multiple cross-functional agile teams to develop, troubleshoot, and deploy 5 on-time websites
- Configure and streamline client CMSes (Laravel Nova and Craft) and CRMs (Salesforce), empowering customers to customize and manage their content
- Translate design documents to pixel-perfect web applications, using CSS Modules and CSS Variables for consistent sizings, typography, and colors
- Refactor and componentize React code for maximal reusability, readability, and accessibility, decreasing average function complexity, removing thousands of lines of repetitive code, and ensuring WCAG compliance and screen reader accessibility

Vice President of Marketing

Infinity Woven Products

Sep 2015 - Dec 2016

- Headed company site redesign, emphasizing Search Engine Optimization (SEO) best practices, improved user experience, and better stats tracking via Google Analytics, reducing bounce rate and increasing time spent on site by 30%
- Set-up Google AdWords for paid search, geo-targeting marine professionals, increasing daily site traffic by + 25%
- Proposed and implemented annual marketing budget of over \$500,000, reducing marketing spend by 50%

Neuroscience Research Technician

Harvard Medical School

Jun 2013 - Aug 2015

- Designed and executed experiments to study activity-dependent gene transcription in a mouse model, contributing to three published research papers, including one Cell publication
- Maintained cell cultures, analyzed and quantified images, compiled data, and presented findings in weekly meetings

PROJECTS

Stack | React, Redux, Rails, PostgreSQL, ActionCable / WebSockets, HTML, CSS, Heroku, AWS

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

A single-page, pixel-perfect clone of Slack, the workplace messaging app, built in < 10 days

- Designed PostgreSQL database schema and implemented using Rails Active Record ORM, notably applying polymorphic associations for user subscriptions to channels and workspaces for DRY backend code, decreasing database size by 20%
- Built modals with React, Redux, and CSS3 for optional rendering of forms and sidebars for improved user experience
- Implemented live chat using the WebSocket API via Rails' Action Cable, enabling real-time messaging without a page refresh

Zoo Dots | JavaScript, HTML Canvas, CSS, Webpack

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

Two Dots-inspired puzzle game created using Object-Oriented Programming (OOP) design principles

- Managed asynchronous user I/O by installing event listeners to fire callback functions after predefined user behaviors
- Rendered HTML Canvas elements using JavaScript to track game piece positions and identities in a two-dimensional grid
- Wrote logic and customized algorithms for game piece selection and removal, allowing players to click-and-drag to choose matching pieces, and refactored code to optimize time complexity

Boy and Tiger | React / Redux, Express, MongoDB Atlas, Node.js, WebSockets

work in progress | [github](#)

Community-driven comic-viewing website

- Implemented user auth following the jwt-passport strategy, allowing logged-in users to like and comment on comics
- Reviewed teammates' code via GitHub pull requests to ensure clean code and reduce dependencies on external APIs

AWARDS

NYC Chatbot Hackathon - First Place - *BingeBot*

May 2019

- Developed a chatbot to help viewers discover tv shows and movies, answering "What should I watch tonight?"

EDUCATION

Wesleyan University - Aug 2009 - May 2013 - BA Neuroscience and English Double Major, Writing Certificate

App Academy - Nov 2018 - Feb 2019 - Rigorous 1000-hour full-stack web development intensive with <3% acceptance rate