

MICHAEL NEWTON WEB DEVELOPER

PROJECTS

Message • Ruby on Rails, JavaScript, React.js/Redux, HTML5, CSS3

Full-stack blogging app inspired by Medium • live • git

- Leveraged complex SQL queries via Ruby on Rails/ActiveRecord and jBuilder to quickly load user information from the database, improving overall app performance.
- Integrated the QuillJS API to facilitate seamless inline HTML editing.
- Utilized modular React/JavaScript components and CSS transitions to create a streamlined, stylish UI.

Hum • JavaScript, React.js/Redux, HTML5, CSS3

Visual music mixer • live • git

- Implemented JavaScript image analysis to dynamically interpret color data.
- Worked with the HowlerJS API and HTML5 audio API to create intuitive UX.
- Devised JavaScript algorithms to manage audio manipulation.

Chess • Ruby

Terminal chess game • git

- Implemented object-oriented programming patterns to create a fully-functional chess game.
- Developed algorithms to calculate possible moves and game state.

EXPERIENCE

Web Designer, Front-End Developer; CareerMD, 2014-2017

- Coded and designed reworked company website, updating and revitalizing the site's look and feel.
- Created animations and responsive design elements, improving functionality and UX.

Graphic/Web Designer; The Week Magazine, 2010-2013

- Designed and coded digital promotions including email blasts, small websites and animated ads, expanding the brand's marketing capabilities and leading to increased digital subscription rates.
- Designed and implemented dynamic templates, helping to modernize and improve sales outreach.

Freelance Designer; 2006-present

- Created custom websites, both from scratch and using established CMS systems.
- Created custom animations and ads in JavaScript and CSS.

SKILLS

Ruby

Ruby on Rails

JavaScript

React.js

Redux

jQuery

SQL

HTML5

CSS3

Git

Adobe Creative Cloud
(Photoshop, Illustrator,
InDesign, Premiere)

EDUCATION

App Academy, 2017

New York, NY

1,000-hour full-stack
programming bootcamp
with under 3%
acceptance rate.

**Cranbrook Academy
of Art, 2008**

Bloomfield Hills, MI

Master of Fine Arts.
Concentrations
in graphic design
and photography.

PORTFOLIO

GITHUB

LINKEDIN