

Matt Cowley

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## Experience

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Senior Software Developer / Supervisor - Treehouse — May 2015-June 2019

- \* Managed and mentored junior and apprentice developers
- \* Updated and maintained integration with Salesforce API for business clients
- \* Implemented solution for self-proctored final exams for Techdegree students
- \* Designed and implemented office-hours session scheduling for Techdegree students
- \* Refactored and repaired a Ruby-based data warehouse / ETL system
- \* Built student leaderboard for organization clients showing daily progress, active tracks, etc.
- \* Implemented price tests and user flow experiments and A/B tests in coordination with marketing and product teams
- \* Various feature implementations, bug fixes, and team support, using Rails, CoffeeScript, CSS3/Sass, RSpec and communication via HipChat, Slack, Pivotal Tracker, Jira, and GitHub PR reviews

Senior Software Developer - The Niche Project — Sept. 2014-Feb. 2015

- \* Built new marketing pages at <http://niche.co> from wireframes using HTML5/Haml, CSS3/Sass, CoffeeScript, Rails, Bootstrap 3, including full-page HTML5 video, page/section transition animations, and multiple interactive elements
- \* Implemented internal issue-tracking system
- \* Various features, bug fixes, and team support, using Rails, CoffeeScript, CSS3/Sass, RSpec/Capybara and communication via IRC, Pivotal Tracker, GitHub PR reviews

Owner - 128 South — Jan 2014-Present

- \* Sole consultant for Pivotal Racing, a motor-racing event site (using Rails, JavaScript, Sass, Haml)
- \* Business analysis and feature design with client
- \* Updated app from Rails 2 to 3 to Rails asset pipeline, and integration with Bootstrap framework
- \* Refactored CSS to modularized Sass
- \* Implemented point-of-sale purchase system
- \* Implemented integrations with payment systems including Balanced and Stripe
- \* Created API for mobile app support

President - Yeti Media — 2011-2014

- \* Handled client relations, business development, project management and full-stack

## development

- \* Created API for greenfield web/mobile medical startup (Rails) which got them a first round of funding, and continued to build out features to support funding and demos (Rails, AngularJS, RSpec/Capybara)
- \* Performed full-stack feature development for college bookstore application (Rails, jQuery, RSpec/Capybara)
- \* We took this on as a rescue project and got it released in three months

## Web Manager, WMNF Radio — 2006-2014

- \* Built wmnf.org beginning with Rails 1.x, and maintained and expanded to Rails 3.2.x
- \* Built ecommerce system for donations and ticket sales, and created the “tip jar” system which is now widely imitated on public radio sites. Designed the data model and implemented using Rails, JavaScript, Haml, and Braintree payment APIs.
- \* Created a mechanism for automated archives and podcasts, using Ruby, Amazon S3, and Rails
- \* Created integrations with APIs from Twitter, JamBase, NPR, Eventful, NOAA, and others
- \* Created archive of news reporting with photo, video and audio, and automated FCC reports, using Rails, JavaScript and Amazon S3
- \* Created fundraising inventory management system, to help keep track of thank-you gifts requested by donors during week-long fund drives. Designed feature set with input from staff. Modeled data and implemented in Rails, JavaScript and Haml
- \* Designed playlist-entry system for DJs to post playlists; modeled the data and implemented in Rails, JavaScript and Haml
- \* Built iOS app

## Education

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B.S. Computer Science, Georgia Tech