

# Michael Nolan

[msnolan@gmail.com](mailto:msnolan@gmail.com) | 646-441-8427

## Technical Skills

Languages: Ruby, JavaScript, Java, SQL, Arel, CSS3, Liquid, HTML5, erb, bash

Frameworks: Rails, React, Node.js, Angular 1.5, Bootstrap(3&4), Jekyll

Other: AWS, REST Api creation/integration, Sidekiq, jQuery, Ajax, git & GitHub, ActiveRecord, OAuth (1.0 & 2.0), Sass, D3.js, NetBeans, REST APIs, JSON, MVC & MVVC architecture, Chart.js

## Technical Experience (Follow links for source code)

---

**TuneCore** (March 2017 - Present)

- + Designed and implemented new products & upgrades for legacy Rails apps
- + Maintain and debug codebase to support other departments
- + Implemented Sidekiq integration to replace other queue-management strategies
- + Integrated Spotify API to retrieve release information, including efficient SQL queries over very large tables to find releases needing update, Rake task for daily cron jobs, UI for both customers and admins to receive track-level info
- + Converted distributions for several partners to DDEX & upgrade DDEX versions, including refinements to new distribution architecture to improve performance, reduce code duplication, improve visibility of distribution status & error reporting
- + Expanded internal documentation & led emphasis on disseminating domain knowledge via emphasis on new & updated wikis

Personal Site

([authorbeard.github.io](http://authorbeard.github.io))

- + Jekyll platform with Liquid templating language & SASS styling for Github-Pages
- + Modified open-source theme with custom templates
- + Used YML data files to generate resume, code portfolio pages
- + Additional jQuery for styling & animation.

Spinner

- + Music collection web app that tracks interaction across formats and services
- + Built in Sinatra, ported to Rails, Rails + Angular
- + Wrote custom OAuth1.0 strategy, incorporated external APIs from Discogs & Spotify
- + Built REST API

Java router

- + Java-based map-building and routing app (using directed graphs) including modified Dijkstra algorithm implementation
- + Built CLI menus to allow for importing route map, adding search parameters (limit by number of stops, limit by length, etc.)

Looop test

- + Learned D3.js to render activity data served in 5-minute increments from two separate dates, including mouseover animations to expose additional data
- + Created mock back-end using JavaScript to work around problems with test API

## Other Employment History (further detail available at [authorbeard.github.io/about](http://authorbeard.github.io/about))

---

Editor, Copywriter, Content Manager, *Freelance*

***January 2015-March 2017***

- + Wrote social media content for 3 channels for Fortune 500 finance company
- + Wrote and copyedited correspondence, prospectuses and marketing material for Josh Wood Productions, Inc., producer of celebrity charity events
- + Wrote & copyedited daily and long-form reports for Business Insider Intelligence.

Managing Editor, Foundation for Economic Education

***October 2008-December 2015***

- + Led monthly print magazine to daily web-first format with monthly print component
- + Cut costs across the board by minimum of 30%, reduced length of editorial cycle by 75%
- + Hired and managed freelance writers, designers and proofreaders
- + Wrote, edited, proofread and ghostwrote columns, long-form articles, web content,
- + Started on-demand printing program, including new layouts and commissioning of new covers, for out-of-print titles formerly too costly to bring back into production
- + Managed permissions, conducted image research, wrote captions, headlines and subheads
- + Final responsibility for all content.

Head Developer, Lingua Institute

***October 2004-September 2008***

- + Built English-language content department for iBT TOEFL start-up
- + Wrote all tests, answers, teachers' guides, lectures, reading samples and conversations during initial phase
- + Recruited, hired and managed freelance writers as company growth led to expansion into new markets (younger learners than most TOEFL prep targets, incorporation of video-based lessons)
- + Researched industry best-practices to develop rubrics, orientation materials and templates for internal use.

## Education

---

Flatiron School

***November 2015-June 2016***

- + Learn-Verified web-development immersive
- + Ruby on Rails, JavaScript, jQuery, AJAX, Angular, OOP, MVC, MVVC

Hillsdale College

***Sept 1996-May 2000***

- + B.A., English/History