

# DYLAN O. NELSON

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## PROJECTS **Message** ([live](#)) ([GitHub](#))

*Social blogging platform inspired by Medium*

- AJAX-based authentication through Backbone uses asynchronous callbacks to handle user actions dynamically depending on login state
- Backbone “Followable” mixin consumes Rails API’s polymorphic association for following both users and tags

## **Asteroids.js** ([live](#)) ([GitHub](#))

*Browser recreation of the classic arcade game*

- Renders scene using HTML Canvas API
- Uses vector math and object-oriented JS utilities to calculate movement

## **ActiveRecordLite.rb** ([GitHub](#))

*ActiveRecord recreation featuring database search and associations*

- Metaprogramming interfaces between Ruby code and and SQL tables
- Executes CRUD actions on and define associations between records

## SKILLS **Languages & Technologies**

Ruby, JavaScript, CSS, HTML, SQL, Ruby on Rails, Backbone.js, jQuery, Sass, EPUB, regular expressions, InDesign

## EXPERIENCE **The Great Books Foundation** (July 2011–March 2015)

*Digital Production Editor / Project Manager / Project Editor*

- Decreased time-to-printer by 30% by redesigning production workflow
- Developed regular ebook releases on time and under budget
- Was asked to manage a flagship digital product after showing leadership on smaller projects

## EDUCATION **App Academy**

- Full stack web development course
- Focuses on pair programming, TDD, and best practices
- Accepts less than 5% of applicants

## **Loyola Universtiy Chicago, class of 2011**

- B.A. Classical Civilization
- Summa Cum Laude with Honors
- GPA 3.99