

Michael J. Realy

Portfolio | mjrealy.herokuapp.com
GitHub | <https://github.com/mrealy>
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Technical Skills

Strong: JavaScript/jQuery, HTML, CSS, Bootstrap, Node, Express, React, React Router, Webpack, Git
Experienced: MongoDB/Mongoose, MySQL, Handlebars, Heroku, Firebase, REST API, Agile

Projects

ShuttleExtravaganza! [[GitHub](#) | [Live](#)] **Full Stack Developer**

Find and archive events to connect interested users for carpooling, pre-gaming, etc.

- Conceived app, planned app dataflow, and pair programmed mongoose models and express routes.
- Coded React components/functions and integrated with Seatgeek and Google Maps API data.
- Full technologies used: MERN, CSS/Bootstrap, Google Auth API, Seatgeek API, Google Maps API

Tell Me, Who ARE You? [[GitHub](#) | [Live](#)] **Full Stack Developer**

Customizable party game with safe and risqué questions to get to know one another. (CRUD)

- Coded Handlebars templates and pair programmed Sequelize models and express routes.
- Full technologies used: Node, Express, Handlebars, CSS/Bootstrap, Sequelize, Passport.js

Tender [[GitHub](#) | [Live](#)] **Front End Developer / Project Lead**

Browse the Spoonacular API to find recipes with this app parodying Tinder.

- Conceived app idea, planned user flow and wireframes, and acted as team lead.
- Used JavaScript to parse Spoonacular API data and rendered to the DOM with jQuery.
- Full technologies used: HTML, CSS, JavaScript, jQuery, Spoonacular API, Firebase

NYT React [[GitHub](#) | [Live](#)] **Sole Developer**

Use New York Times API to search for news articles by topic/dates and view/save articles for later viewing.

- Used React and Bootstrap for front end components, React Router 4 and Express for API routing, Mongoose for database models, and axios npm package for GET requests from the New York Times API.

Good News Scraper [[GitHub](#) | [Live](#)] **Sole Developer**

View articles scraped from the Good News Network using cheerio and save articles to have discussions.

- Scraped data into Mongoose database models with cheerio on Node/Express back end, used handlebars templates and Bootstrap on front end supplemented by jQuery and AJAX requests for adding comments.

BurgerTime [[GitHub](#)] **Sole Developer**

MCV designed web app that logs burgers by name into a SQL database using a custom ORM with a button to indicate whether they've been eaten.

- Built custom ORM with MySQL/Node back end, used handlebars and Bootstrap for the front end.

Experience

Northwestern University – *Financial Assistant, Alumni Relations* 2016 - present

- Create/update onboarding materials, job aids & business resources for retention of current policies and operational maturity. Train new hires on policy/procedure and timecard/accrual system.
- Overhauled UI/UX for Microsoft SharePoint repository for all Finance onboarding/business documents.
- Used Peoplesoft & BI systems to compile/analyze travel data, built excel travel calculators to support zero-based budget planning, and updated compliant travel spending limits for regional trends & inflation.
- Manage vendor contract workflow and correspondence, advise collaborators of liability requirements and necessary documentation, review and route to appropriate signatories.
- Approve high volume of financial transactions, provide timely budget reporting (including executive-level reports exceeding \$1 million) and financial support for over 30 chart strings.
- Managed responsibilities and maintained workflow for two positions under no supervision for 6 months.

The Malnati Organization – *Waitstaff / Trainer* 2013 – 2016

- Updated antiquated training materials and developed benchmarking requirements for trainers/trainees.
- Set up new server station and designed layout for efficient workflow after restaurant renovations.
- Developed and demonstrated adept interpersonal skills with diverse variety of staff and clients, as proven by returning customers, yelp reviews, and a tip average above that of peers.

Education

Northwestern University Coding Bootcamp | **Full Stack Web Development**, Jan-July 2017

A six-month intensive certificate program focusing on: HTML5, CSS3, Bootstrap, JavaScript, jQuery, Node, Express, REST APIs, MySQL, MongoDB, Handlebars, React, React Router, Webpack, Heroku, and Git.

Columbia College Chicago | **B.A. Music Composition**, Dec 2013 | 3.9/4.0 GPA