

# Francis Rocco //

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## RECENT PROJECTS

### CollaboWrite

[Live](#) • [GitHub](#)

A social book writing platform. Users can create and contribute to stories for a collaboratively written book.

- Built RESTful Rails API backend using Postgres and ActiveRecord for relational database
- Utilized ActiveModel Serializer to render JSON data in API
- Rendered frontend using ReactJS and Redux UI framework
- Set up and maintained token based authentication using OAuth JWT standard

### Catch Up News Network

[Live](#) • [GitHub](#)

A full featured social network where a user can post news articles to show on a friend's newsfeed. Users can follow other users, can up & down vote posts, & can comment on posts.

- Created database & model relationships while utilizing MVC structure in Rails
- Executed custom HTML & CSS along with Bootstrap to design UI & thumbnails
- Implemented AJAX using jQuery & Javascript to make a seamless user experience
- Used Agile practices and Test Driven Development to provide reliable software early and often

### what would beyoncé wear

[Live](#)

Weather app that grabs your location & tells you the temperature with an accompanying Bey outfit

- Built on React calling on Apixu Weather API & Google Geocode API
- Featured on [Brit + Co.](#) as "the Only Weather Site You Need to Be Checking"

## SKILLS

Ruby, Rails, Javascript, React, Redux, HTML, CSS, git, Github, PostgreSQL, MongoDB, node, AutoCAD, MATLAB, C++, Python, Visual Basic

## WORK HISTORY

### Lead Market Developer, LocalMeze

Brooklyn, NY — April 2014- November 2014

- Analyzed website data using Google Analytics as well as other methods to track growth
- Controlled & increased followings on social media by 200% within 2 months
- Developed campaigns for brand recognition, customer acquisition, & company partnerships

### Manufacturing Engineer, Genzyme- A Sanofi Company

Framingham, MA — July 2012- January 2013

- Restructured UI of in-house databases to make them easy to understand using VBA
- Trained fellow employees & supervisors on said databases
- Monitored multiple parameters of bioreactors to ensure optimum cell growth

## EDUCATION

### Flatiron School

New York, NY — July 2016-October 2016

Full Stack Web Development Course

- 1000-hour full-stack programming bootcamp with <6% acceptance rate

### Northeastern University

Boston, MA — 2008 - 2013

Bachelor of Science in Chemical Engineering