

## Omar De Leo | Software Engineer

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### Projects

**Instafam** [JavaScript, React, Redux, Ruby, Rails, PostgreSQL, HTML, CSS, AWS, BCrypt]

Single-page photo-sharing web application inspired by Instagram [\[Live\]](#) [\[Github\]](#)

- Implements React frontend to minimize expensive DOM updates and improve app load time.
- Implements Rails backend to serve RESTful API, authenticate requests, and validate database input.
- Leverages ActiveRecord ORM associations to prevent unnecessary database queries and joins.
- Uploads images to AWS S3 via the Paperclip gem for increased performance and scalability.

**Simian** [JavaScript, EZPZ, HTML, CSS, Firebase, Cloud Firestore]

Pattern memory game inspired by Simon [\[Live\]](#) [\[Github\]](#)

- Saves high score to Cloud Firestore NoSQL database for real-time updates.
- Deploys as Firebase app, with fully-managed hosting and integrated, zero-configuration HTTPS support.
- Imports EZPZ JavaScript library for streamlined DOM manipulation and animations.

**EZPZ** [JavaScript, Webpack, Google Cloud]

A lightweight DOM manipulation library inspired by jQuery [\[Github\]](#)

- Uses JavaScript ES6 and native DOM Web API to perform core DOM manipulation.
- Makes AJAX calls utilizing asynchronous HTTP requests to access databases.
- Implements a hash map when creating and deleting event listeners, resulting in efficient referencing.

### Skills

JavaScript · React · Node.js · Redux · Ruby · Rails · jQuery · HTML · CSS · Git · RSpec · SQL · AWS · Heroku

### Relevant Experience

**Code Nation** - Non-Profit, Technology Training - New York, NY

[Popcode](#) Open Source Contributor

October 2018-present

- Updated deprecated Firebase login methods to allow for user authentication [\[#1600\]](#).
- Added padding to inline code in instructions panel to prevent it from obstructing surrounding text [\[#1607\]](#).

**Meltwater** - Media Monitoring, Press Outreach SaaS - New York, NY

Client Support Analyst

Feb 2016-Nov 2016

- Performed troubleshooting of platform bugs and compiled premium custom reports as primary support analyst for the office's largest non-enterprise accounts.
- Streamlined existing support processes, resulting in an over 25% increase in top-tier client support timeliness.

**Ghostery** - Digital Governance Compliance, Online Privacy - New York, NY

Product Manager

June 2014-Dec 2014

- Facilitated development and implementation of new product release process for Ghostery's Marketing Cloud Management (MCM) SaaS platform.
- Authored all front end user stories for development of 2.0 release of MCM, resulting in a platform rebrand.

Data Analyst

Aug 2012-May 2014

- Onboarded clients to MCM and created onboarding documentation, resulting in knowledgeable and valuable use.
- Compiled internal reports on the functionality of MCM to ensure data quality, and compiled ad hoc data reports using custom SQL queries as requested by clients.

### Education

**App Academy** - New York, NY

2018-2018

Elite 12-week, 1000-hour full-stack web development course with a < 3% acceptance rate, with a focus on Ruby, SQL, Rails, JavaScript, jQuery, React, Redux, SQL, Git, HTML/CSS

**School Of Visual Arts** - New York, NY

2010-12

Web Design and Development, Advanced Web Languages - Continuing Education

**New York University** - New York, NY

2003-2007

B.A. Economics - College of Arts and Science