

# Elliott Grieco

Software Engineer

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<http://websiteaboutmy.website>

## SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3, Python, Excel

## PROJECTS

**EasyFeeds** • A Feedly-inspired RSS Reader built with Rails and React/Redux [Github](#) | [Live Site](#)

- Populates feed searches on a character-by-character level through backend AJAX queries to the database, searching among titles and urls with the Ransack gem.
- Adds content to the front-end view seamlessly with infinite-scroll feature, triggering RESTful API requests when the user reaches the bottom of page.
- Tracks all users' article read/unread status on the back-end, utilizing efficient Active Record/SQL queries to organize articles by read status and publishing time.
- Implements DRY, reusable React components for feed and story view templates.

**MonsterGolfJS** • A mini-golf arcade game [Github](#) | [Live Site](#)

- Generates animation, UI, and physics logic entirely in vanilla Javascript and Canvas API.
- Responds with realistic friction and bouncing physics for fun, complex gameplay.

**RubyChess** • A two-player chess game with a keyboard-input UI [Github](#)

- Implements modules and mixins for piece movement and special piece moves (castling, *en passant*, etc.), resulting in DRY, maintainable, and easy-to-read code.

## EXPERIENCE

**Enrollment Coach** • Columbia University, New York, NY Jan 2017 - Jun 2017

- Implemented team-wide improvements in admissions database management, greatly improving the efficiency of e-mail communications with 1000+ students.
- Maintained Excel spreadsheets on prospective, admitted, and enrolled students

**Lecturer (Statistics)** • University of the Philippines, Manila, Philippines Aug 2015 - Jun 2016

**Instructor** • Virginia Institute of Autism, Charlottesville, VA Jun 2012 - Jun 2013

**Operations Associate** • Lot18.com, New York, NY Jan 2011 - Aug 2011

- Engineered Salesforce feature-expansion, allowing our sales team to automate the generation, sending, and tracking of electronic contracts.

## EDUCATION

**App Academy** • 2017

- Rigorous 1000-hour software development course with <3% acceptance rate.
- TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

**Columbia University** • 2012 • Bachelor of Arts in Sociology, Business Management. 3.63 G.P.A.

- *Curriculum Highlights:* Introduction to Computer Science (Java), Statistics, Calculus III
- Managed layout duties as Editor-In-Chief of the Federalist Paper.
- Oversaw website redesign and gig tracking for 700+ employment gigs per year as Managing Director Columbia Bartending Agency.