

## Experience

### Research Director

Nov. 2015 – Feb. 2016

ShadowTV

New York

- Expanded the company's data collection network by configuring 15 Windows servers to record cable news around the country.
- Produced dozens of branded data visualizations using D3.js for the marketing team by analyzing thousands of hours of TV caption data from the company's API.

### Assistant Professor

June 2015 – Sept. 2015

Columbia University

New York

- Taught 20 journalists the fundamentals of Python, data analysis, web scraping and machine learning in 3 months.

### Facebook Content Curator

Feb. 2015 – Jul. 2015

Pro Unlimited

New York

- Curated Facebook's trending section with high quality content by quickly and efficiently describing, editing, and verifying at least 50 stories a day from around the world.

### Investigative Reporter

Sept. 2014 – Feb. 2015

Columbia University

New York

- Investigated 5 stories on healthcare, education and criminal justice by scraping and analyzing New York government data with Python.

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## Projects

Quisitive (React.js, Flux, Ruby on Rails)

[Github](#) [Live](#)

- Full-stack single-page web application inspired by Quora.
- Serves data to a Flux-architected frontend with a RESTful JSON API built in Rails.

Chess Command (Ruby)

[Github](#)

- Fast, clean and intuitive command line interface for playing chess built with Ruby.
- Leveraged classical inheritance and OOP to reduce code complexity.

Maze-Rat (React.js)

[Github](#)

- Visualizes random step and breadth-first search algorithms with JavaScript and Canvas.

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## Skills

• JavaScript • Ruby • Python • PostgreSQL • HTML/CSS • Git  
• React • Rails • Flux • Data Analysis • Web Scraping • RSPEC

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## Education

App Academy (NEW YORK, N.Y.) April-July 2016

- Rigorous 1000-hour web development course with <3% acceptance rate.

Columbia University Graduate School of Journalism (NEW YORK, N.Y.) May 2014

- Completed two classes focusing on Python for data analysis and web scraping.

Saint Lawrence University (Canton, N.Y.) 2009-2012

- Major: English literature. Minor: Biology