

# Patrick Judge

*developer for news + web*

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## toolkit

### front end development

HTML  
CSS, Less, Sass  
JavaScript  
jQuery  
React  
Webpack  
gulp

### back end languages + frameworks

Django  
Drupal  
Node  
PHP  
Python  
WordPress

### data analysis + visualization

D3  
Excel  
Google Sheets  
Illustrator  
QGIS  
PostgreSQL

### administration + deployment

Apache  
AWS  
CircleCI  
Git  
Linux (Ubuntu)  
nginx

## experience

### Better Government Association – Chicago, Ill.

Web & Graphics Editor, May 2017 – present

As the lone coder on staff for a small nonprofit newsroom, I wear a lot of different hats: web app developer, digital production designer, CMS engineer, data journalist, and technical resource.

- Designed and built responsive, static-served apps and microsites, including [data tables](#), [interactive maps](#), and [a city voter guide](#)
- Created more than 100 data visualizations, usually with D3
- Incrementally improved our [Drupal 7 CMS](#) in areas like editor experience, analytics coverage, performance, and maintainability
- Developed new templates and features for our CMS, including an [encyclopedia-style story format](#) and a feature that makes it simpler for others to [republish our work](#)
- Collaborated with reporters and editors to scrape, clean, and analyze data on deadline that shaped investigations

### Loyola Phoenix – Chicago, Ill.

Web Editor, May 2016 – May 2017

In collaboration with editorial and business staff, I oversaw the digital operations of my university's student newspaper.

- Safely migrated WordPress site to new server and cleaned site architecture, cutting average page load time more than 80 percent
- Trained editorial staff of 20 in best practices for web publishing
- Developed a responsive front end theme more reflective of our print product

### Chicago Sun-Times – Chicago, Ill.

Metro Desk Reporter, Aug. 2015 – Apr. 2016

First as an intern, then as a freelancer, I reported, wrote and photographed breaking news and feature stories for web and print.

## education

### Loyola University Chicago, class of 2017

Graduated magna cum laude

B.S. Mathematics and Computer Science

B.A. Journalism (Digital / Visual concentration)