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
Docker
Git
Linux (Ubuntu)
Netlify
nginx

experience

Better Government Association – Chicago, Ill.

Web & Graphics Editor, May 2017 – present

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

- Developed, built and deployed investigative journalism packages, news apps, and microsites, including data tables, interactive maps, and a city voter guide

- Created more than 100 data visualizations, usually with D3

- Drove improvements to our Drupal 7 CMS in areas like editor experience, analytics coverage, performance, and maintainability

- Authored 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 WordPress theme

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)