

Experience

The Associated Press (Chicago/New York, 2015–present)

News automation editor and data journalist

- **Analyze data** from government agencies and other sources to provide context and depth for other AP journalists and for readers around the world. Bylines and other contributions include:
 - An investigative series [studying the methods and targets of hackers linked to Russian intelligence services](#)
 - A comparison of [black student representation and black faculty representation](#) at state flagship universities
 - An analysis of a [budget proposal to eliminate subsidies for airline flights to rural communities](#)
- **Help company's leaders understand new developments** in machine learning, automation and other relevant technologies.
- **Develop applications and libraries** to automate newsroom processes and generate content, such as print graphics about financial markets and internal alerts about campaign finance.

The Chronicle of Higher Education and The Chronicle of Philanthropy

(Washington, D.C., 2013–2015)

News interactives producer

- **Developed interactive news features**, such as:
 - A game [displaying applicant data](#) from a faculty hiring process
 - An [in-depth exploration of Census data](#) to show how the demographics of America's children—its future college students—vary by age
- **Gathered, processed and interpreted data** from agencies, private organizations and *Chronicle* reporting for reporters and readers, including for the [Almanac of Higher Education](#).

PBS NewsHour (Arlington, Va., 2011–2013)

News developer

- **Developed interactive Web and mobile news applications and information graphics**, such as:
 - An embeddable widget to track daily high temperature records
 - A set of graphics to illustrate projections about the 2011 federal debt ceiling debate
 - An interactive map with past and present housing price data
- **Developed mapping application** with detailed demographic and political data for the 2012 presidential election cycle.

Skills

Backend and data analysis

Languages: Ruby, Python, Node.js, R, SQL (MySQL, PostgreSQL)
Frameworks: Ruby on Rails, Django, Sinatra, Flask
GIS: GDAL, PostGIS, QGIS

Frontend and design

Languages: HTML, CSS, JavaScript, SVG
Frameworks and libraries: D3, Backbone, Underscore, jQuery, Leaflet
Desktop tools: InDesign, Illustrator, Photoshop, TileMill

Other

License: FAA remote pilot certificate (commercial drone pilot)
Crafts: Baking, embroidery, crochet

Speaking

Frequent instructor and presenter at conferences around the world.
Full list: justinmyers.net/resume/talks

Memberships

AAJA, Ida B. Wells Society, IRE, National Press Club, ONA, SPJ

Education

University of Missouri

(Columbia, Mo.)

Received dual undergraduate degrees:

- Bachelor of science (cum laude) in electrical engineering, minor in mathematics
- Bachelor of journalism, emphasis in print and digital news, concentration in newspaper editing and design