

Eli Murray

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Professional Experience

Adjunct instructor

University of South Florida (Spring 2022 semester)

Taught multimedia reporting to a class of 20 students. Students learned many skills, including Google Sheets and pivot tables, data cleaning with Tableau, charts and maps with Datawrapper, responsive web design with HTML and CSS, fundamentals of filming and video editing for news, and fundamentals of photography and photo editing for news. I will be teaching an online Data Visualization course in Fall 2022.

Investigative/Data reporter

Tampa Bay Times (March 2016 – Present)

Used programming to solve reporting problems and create compelling graphics. Used technical knowledge to acquire records that agencies would otherwise be unwilling to hand over. Learned new languages, frameworks, and software on deadline. Worked with teams to run analyses on both quick-turn and enterprise stories.

Accomplishments:

- Contributed data analysis, graphics, and reporting to Pulitzer Prize-winning series [Poisoned](#).
- Built an archiver to scrape and archive Florida COVID-19 data in 10-minute intervals and notify a Slack channel with a 24-hour change calculation when the state published new data. I used the archived data to build an [app](#) that breaks down the numbers by county, city, or ZIP code.
- Used Adobe AfterEffects and custom javascript to create a video-scroller opening graphic for [Clear Takeover](#). It works on desktop and mobile and has an image fallback version for users with poor internet connections. (Konami code to test)
- Scraped data and ran the analysis for award-winning project [Zombie Campaigns](#).
- Learned 3D modeling and Three.js in one week to create [Choice and chance](#).
- Negotiated with a local school district to get a copy of an ancient database running on IBM AS/400 since 1993 and wrote code to import it into modern Postgres for analysis.
- Created a replacement CMS the week before Hurricane Irma because our website was failing. Using Google Sheets and AWS Lambda, the replacement offered live updates and small page size for readers on mobile without power or internet.
- Wrote open-source [software](#) that powers the Tampa Bay Times' most ambitious digital projects.

Data team intern

Tampa Bay Times (June 2015 – Feb 2016)

Wrote newsroom-facing database admins. Created graphics and provided analysis for stories. Taught other reporters how to use spreadsheets to interpret data.

Clips:

- [Walmart. Thousands of police calls. You paid the bill.](#)
- [One wild ride](#)

Programming

- Javascript/Typescript
- Python
- SQL
- Go

Skills

- Data visualization: D3js, Threejs
- Data analysis: Pandas, Matplotlib, Jupyter, QGIS, ObservableHQ
- AWS: S3, Lambda, SNS, API Gateway, EC2, RDS, IAM
- Adobe: Photoshop, Illustrator, AfterEffects, Premiere

Education

BS Journalism

University of Illinois

Awards

Winner - 2022

Investigative Reporting

Pulitzer Prize

Winner - 2022

Local Accountability Reporting

NLA Awards

Winner - 2021

Investigative Journalism

Worth Bingham Prize

Winner - 2021

Local Reporting

George Polk Awards

Medal winner - 2021

Print/Online Division II

IRE Awards

Winner - 2020

Visual Storytelling

Gerald Loeb Awards

Winner - 2019

Alfred I duPont-Columbia Award

Columbia University Graduate School of Journalism

Silver - 2017

Online graphics

Malofiej International Infographics Award