

Eli Murray

Data reporter

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[PGP public key](#)

Professional Experience

Data reporter

Tampa Bay Times (March 2016 – present)

Use programming to solve reporting problems and to make compelling graphics. Use technical knowledge to acquire records agencies would otherwise be unwilling to hand over. Learn new languages, frameworks, and software on deadline. Work with teams to run analysis on both quick-turn and enterprise stories.

Accomplishments:

- Scraped data and ran analysis for award-winning project, [Zombie Campaigns](#).
- Learned 3D-modeling and WebGL-rendering software in one week to create [Choice and chance](#).
- Negotiated with local school district to get a copy of ancient database running on IBM AS/400 since 1993 and wrote code to get it imported in a modern database for analysis.
- Created a replacement cms in the week before Hurricane Irma because our website was failing. Replacement cms was based off Google Sheets and AWS Lambda. Offered live updates and small page size for readers on mobile without power.
- 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 reporters how to use spreadsheets to interpret data.

Clips:

- [Walmart. Thousands of police calls. You paid the bill.](#)
- [The money race: Jeb Bush, Marco Rubio come up big in Florida](#)
- [One wild ride](#)

Senior web developer

The Daily Illini (Fall 2014 – Spring 2015)

Led a team of five student developers in creating news applications.

Clips:

- [University of Illinois Salary Guide Database](#)

Programming

- Javascript/Typescript
- Python
- SQL

Skills

- Data visualization with D3js and Threejs.
- Modern python data analysis tools including Pandas, MatPlot, Jupyter.
- AWS cloud services including S3, Lambda, EC2, RDS.
- Mapping analysis and visualizations with QGIS.

Education

BS Journalism

University of Illinois

Awards

Winner

duPont-Columbia award 2019

Alfred A. duPont-Columbia University

Winner

Investigative report 2018

Suncoast regional emmy awards

Silver

Online graphics 2017

Malofiej international infographics

First Place

Sports Feature 2016

Society for Features Journalism