

Eli Murray

(815) 985-8760
elijamurray.com
ejmurra2@gmail.com
ejmurra@protonmail.com
(encrypted)
[PGP public key](#)

Professional Experience

Data reporter

Tampa Bay Times (March 2016 – present)

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

Accomplishments:

- Built an archiver to scrape Florida COVID-19 data and archive updates in 10 minute intervals, and notify a Slack channel with a 24 hour change calculation when new data was published. The archived data was used 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](#). Works on desktop and mobile and has an image fallback version for users with poor internet connections.
- Scraped data and ran 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 in the week before Hurricane Irma because our website was failing. Based off Google Sheets and AWS Lambda, the replacement offered live updates and a small page size for readers on mobile without power/WiFi.
- 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.](#)
- [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
- Adobe Photoshop, Illustrator, AfterEffects, Premiere

Education

BS Journalism
University of Illinois

Awards

Winner - 2019

Alfred I duPont-Columbia Award
Columbia University Graduate School of Journalism

Nominee - 2019

Outstanding Regional News Story: Investigative Report
National News & Documentary Emmy Awards

Winner - 2018

Investigative Report – Series
Suncoast Regional Emmy Awards

Silver - 2017

Online graphics
Malofiej International Infographics Award