

DATA AND VISUAL JOURNALIST

Katie Marriner

SKILLS

FRONTEND: JavaScript, D3.js, Svelte, Vue.js, HTML, CSS, Bootstrap, Webpack/Babel, Rollup

BACKEND: Node.js, RESTful APIs, AWS S3

DATA: Python, Pandas, Excel/Google Sheets, SQL, Matplotlib

CARTOGRAPHY: QGIS, TopoJSON

DESIGN: Figma, Illustrator, data visualization, UI/UX

OTHER: Git, GitHub Actions, Bash, Google Analytics

EXPERIENCE

FIVETHIRTYEIGHT; NOVEMBER 2023 - MARCH 2025; NEW YORK, NY

SENIOR VISUAL JOURNALIST

- Led the design and development of our flagship data visualization, the general election forecast for 2024, ensuring clarity, accuracy and visual impact.
- Developed compelling, data-driven graphics and interactives with D3.js to explain and effectively visualize probabilistic data.
- Visually edited and refined Datawrapper charts to improve readability and align with editorial standards.
- Collaborated with reporters and editors to translate political data into readable graphs and engaging interactives.
- Established best practices for data visualization design, optimizing workflows and maintaining consistency.

MARKETWATCH; NOVEMBER 2015 - NOVEMBER 2023; NEW YORK, NY

DATA JOURNALIST AND INTERACTIVES DEVELOPER

- Led all data journalism efforts, analyzing and visualizing economic and financial data to uncover and present key trends and narratives.
- Developed visuals and tools to illustrate and explain financial concepts for a broad audience using D3.js and Svelte.
- Independently sourced, cleaned and analyzed economic datasets to support investigative and enterprise reporting.
- Integrated data-driven financial reporting into newsroom workflows and trained colleagues on how to find and use data in their stories.
- Managed automated data collection for tracking economic indicators.

COLUMBIA UNIVERSITY LEDE PROGRAM; JUNE 2021 - JULY 2021; NEW YORK, NY

INSTRUCTOR

- Designed a six-lesson curriculum on data analysis tailored for journalists, equipping them with essential investigative skills.
- Developed hands-on Jupyter Notebook walkthroughs to teach data organization, reusable code, web scraping and data transformation with Pandas.

NEW YORK UNIVERSITY; JANUARY 2020 - JUNE 2020; NEW YORK, NY

ADJUNCT PROFESSOR

- Taught essential data journalism skills, including Excel/Google Sheets and Datawrapper, to provide analytical and visual results.
- Provided a strong ethical foundation for analyzing, reporting and visualizing data with journalistic integrity.
- Guided students in researching, analyzing and crafting a 3,000-word data-driven story with compelling visualizations.

- Delivered a comprehensive overview of data journalism, covering investigative techniques, storytelling and industry trends.

THE WALL STREET JOURNAL; SEPTEMBER 2014 - NOVEMBER 2015; NEW YORK, NY
NEWS APPS DEVELOPER

- Developed the frontend for one of the most popular stories of 2015, a uniquely searchable table for Hillary Clinton's emails when they were released by the State Department, and updated and iterated on the API built with PHP.
- Collaborated with the economics desk to conceptualize an interactive to compute the underlying facets of inflation and used government data to give users control of the numbers.
- Built the front and backend of the annotation tool widely used across the 3,000-person newsroom.

EDUCATION

UNIVERSITY OF NORTH CAROLINA; MAY 2014
B.A. in Journalism and Mass Communication