


William David Jarrett

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Education

Columbia University | New York

2020–21

M.S. Data Journalism

Reporting with a focus on using data to uncover and visualize stories. Articles include: Bronx community groups creating their own [internet networks](#) during the pandemic; [green roofs](#) spreading in New York thanks to city research and new laws; and US legislators lagging behind voters on [climate change](#). Awarded honors in “Writing with Data” and digital mapping classes.

Oxford University | Oxford

2014–17

B.A. English Language and Literature

Awarded the Fitzgerald Prize for attaining First Class Honors, the Quarrel Read Prize for making an exceptional contribution to college life, and the Skeat-Whitfield Prize for academic excellence in final-year coursework. Published non-fiction articles and essays in magazines *The Exeter Egg* and *The Oxford Forum*.

Experience

Sep 2021–Present

Data Intern | **Mission Local** | San Francisco

- Created interactive maps and charts for a [wide range](#) of [stories](#).
- Reported [general assignment stories](#), including city government, art, and character profiles.

2018–20

Editor (2019–20) and Assistant Editor (2018–19) | **Oxford University Press** | Oxford

- Wrote, edited, and proofread resources for parents, teachers, and children. Worked on print books and on Oxford University Press’ primary education website, [Oxford Owl](#).
- Instrumental in website redesign with new, mobile-responsive CMS.
- Developed digital tools and subscriptions, such as the *Floppy’s Phonics* package of online activities and an interactive guide to help parents determine their child’s reading level.
- Produced storytelling and explanatory videos for [YouTube](#).

2015–17

Call-taker, Group Leader, and Publicity Officer | **Oxford Nightline** | Oxford

- Provided support to university students suffering from severe emotional distress.
- Developed and secured ongoing funding for a major, chocolate-frog-based outreach campaign.

Projects

- [Interactive eviction map](#): Scraped New York City building records to find vacate notices issued during the pandemic. Scraped with Selenium, analyzed data with regex and pandas in Jupyter Notebook, and mapped with Mapbox.
- [Formula for the perfect novel](#): Used data from Goodreads to figure out patterns in popular books. Scraped titles using BeautifulSoup and ProtonVPN, analyzed data with pandas, created graphs with Altair, Illustrator, and ai2html.
- [Climate score beeswarms](#): Visualized climate voting data using D3 force simulation, filters, and pop-ups.
- [Adventures in photogrammetry](#): Demonstrated how to use Metashape to create a 3D model of a wooden elephant.

Skills and Activities

- **Web**: Built webpages using WordPress, Refinery, and Bottlejack. Used HTML, CSS, and JavaScript to customize websites with scrollytelling and interactive web applications. Experience with D3 and Mapbox.
- **Data**: Experience with Python, APIs, JSON, GeoJSON, PostgreSQL, GitHub, Jupyter Notebook, BeautifulSoup, Selenium, pandas, geopandas, regex, scikit-learn, Altair, QGIS, and the Adobe Creative Cloud.
- **Workflow**: Significant experience with Trello, Jira, and Slack.
- **Audio**: Electronic music composition experience with Audiotool and FL Studio. Working knowledge of Audition.
- **Fiction writing**: Published in multiple short story anthologies. Awarded £1000 prize in the 2009 HG Wells story competition.