


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

2021–Present

Data Reporter | **Mission Local** | San Francisco

- Won the NorCal Society of Professional Journalism’s 2022 [data viz award](#). Part of the team that won the Online News Association’s national [General Excellence award](#) for a micro-newsroom.
- Created interactive maps and charts for a [wide range](#) of data-led [stories](#).
- Developed interactive tools like [vote explorers](#), [searchable databases](#), and a [weekly quiz](#).
- Reported general assignment stories, including police hoping to authorize [lethal use of robots](#), teacher [payroll errors](#), and tensions growing between gardeners and [neighboring businesses](#).

2022

Teaching Assistant | **Columbia University** | New York

- Helped students with coding and design in Columbia’s data journalism [mapping class](#).

2018–20

Editor | **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](#).
- 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

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

- [Your neighborhood in data](#): Created a web app using JavaScript and Mapbox to help San Franciscans explore census data.
- [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 tooltips. These graphics were used by the environmental non-profit Climate Cabinet.

Skills

- **Web**: HTML, CSS, JavaScript, D3, Mapbox, Metashape, WordPress, Refinery, Bottlejack.
- **Data and workflow**: Python, APIs, JSON, GeoJSON, GitHub, Jupyter Notebook, BeautifulSoup, Selenium, pandas, geopandas, regex, scikit-learn, Altair, QGIS, the Adobe Creative Cloud, Trello, Jira, 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.