

# Ryan T. Willett, Ph.D.

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## SKILLS

**Hard:** Python, R, SQL, Julia, HTML/CSS,  $\text{\LaTeX}$ , shell scripting, linux, Docker, AWS, Git

**Techniques:** graph analysis, machine learning, data visualization, data cleaning, EDA, ETL

**Professional:** technical/scientific writing and presentations, project management, open-source intelligence (OSINT)

## PROFESSIONAL EXPERIENCE

### Sabbatical

Jun 2023 - Aug 2023 — New York, NY

- Took some time to focus on personal projects, personal learnings, and to recharge

### Data Scientist

**Gryphon Strategies**, Jul 2020 - May 2023 — New York, NY

- Performed data ingestion/cleaning, QC, analytics, and report preparation for 2 large lawsuits (one MDL, one class action)
- Drove client engagement initiatives resulting in acquisition of 3 new clients
- Architected/developed 2 cloud-based data mining and workflow automation platforms involving structured and unstructured (text) data
- Served as internal consultant and OSINT investigator on 4 client investigations
- Recognized with the company "Ultramarathoner" award for most project-driven employee

### Freelance Data Scientist and Scientific Consultant

Apr 2019 - Jul 2020 — New York, NY

- Transitioned from neuroscience to data science after completing a 12-week intensive data science bootcamp at NYCDSA
- Performed ETL, data integrity validation, analytics, and data visualization for 3 clients in the finance, investigations, and consulting industries
- Work appeared in expert reports for the National Opioids Prescription MDL, Climate & Clean Air Coalition Science Policy Dialogue, and U.S. House of Representatives

## EDUCATION

**Memorial Sloan-Kettering Cancer Center**, Postdoctoral Fellowship, Developmental Biology  
**Columbia University**, Ph.D. Pharmacology and Molecular Signaling

**Brandeis University**, B.S. in Biology (High Honors) and Biochemistry

**New York Data Science Academy**, Certificate in Data Science