

Ryan T. Willett, Ph.D.

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SKILLS

Hard: Python, R, SQL, Julia, HTML/CSS, \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