

# Jenna Jordan



*Data Engineer in practice,  
Data Librarian at heart*

## Skills



SQL, python, git, bash, YAML,  
PostgreSQL (+ PostGIS), SQLite,  
GitHub (+ PR reviews), Civis  
Platform (data orchestration),  
data normalization (3NF)



dbt, pandas, plotly, streamlit,  
Great Expectations, regex,  
relational database design,  
data modeling (star schema),  
Jira (project management),  
writing documentation



SQLAlchemy, duckdb, Xpath &  
XML, OpenRefine, matplotlib,  
EER & UML diagrams, teaching  
computational skills through  
workshops



SPARQL & RDF (knowledge  
graphs), R (tidyverse)



ArcGIS Pro, Datalog

## Experience

### Data Engineer

Jan 2022 - Present

*Analytics Team, Department of Innovation & Technology, City of Boston*

- Technical lead for the implementation of dbt and overall redesign of the Analytics Team data warehouse and ETL workflows
- Coordinate with the engineering team to manage, triage, and create new ETL workflows, ensuring the analysts have high quality, reliable data for analytics products and open data is regularly updated
- Write custom component scripts in python to ingest & export data
- Clean, transform, and test data using SQL in automated workflows

### Data Engineer/Analyst, Independent Contractor

Sep 2020 - Nov 2021

*Bright Wolf (Cognizant); Network Contagion Research Institute (NCRI)*

- Built custom data ingest pipelines using python from marketing data sources (Salesforce, EverString) or social media communities (Telegram, 4-chan) to custom designed relational databases for further analysis & visualization (e.g. custom Streamlit app)
- Delivered workshops on computational skills to undergrad interns

## Publications & Presentations

### From coast to coast: implementing dbt in the public sector

*talk presented at Coalesce (by dbt Labs); San Diego, CA*

Oct 2023

### Interactive Data Visualizations in Python

*workshop published in The Carpentries Lesson Incubator*

Aug 2021

### Python can be tidy too: pandas recipes for normalizing data

*poster presented online for PyCon 2020*

May 2020

### Put Relational Databases in Your Data Curation Toolbox

*poster presented at ASIS&T Annual Meeting; Melbourne, AUS*

Oct 2019

## Education

### Master of Science, Library and Information Science

*University of Illinois at Urbana-Champaign*

May 2020

### Bachelor of Arts, Journalism, Political Science (with honors)

*University of North Carolina at Chapel Hill*

May 2015

**dbt Developer, dbt Labs**

Oct 2023

**Analytics Engineering with dbt, CoRise**

Mar 2022

**Certified Instructor, Software Carpentries**

Feb 2020



jennajordan.me



jennajordan1



jenna-jordan