

Jenna Jordan

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EDUCATION

University of Illinois at Urbana-Champaign Aug 2018 - May 2020
Master of Science in Library and Information Science

University of North Carolina at Chapel Hill Aug 2011 - May 2015
Bachelor of Arts in Journalism and Mass Communication, *Graduated with Honors*
with a Second Major in Political Science with Honors

Software Carpentry - Certified Instructor certified since Feb 2020

SKILLS

- **Python** (advanced); experienced with pandas, Xpath, regex, plotly, SQLAlchemy
- **SQL** (intermediate); experienced with database design (EER diagrams, relational model)
- **Git** for version control; **Bash/Zsh** for the command line; **OpenRefine** for data cleaning
- **Data Wrangling, Data Visualization & EDA, Documentation, Teaching/Instruction**

EXPERIENCE

Network Contagion Research Institute (NCRI) & Pushshift *Data Engineer & Instructor* Jan 2021 - Nov 2021

- Built ingest pipelines (with Python) and designed relational databases for the data to add new social media communities (Telegram, 4-chan) to Pushshift in order to support NCRI's mission of identifying disinformation and extremism on social media.
- Ran the Computational Methods group for interns at NCRI Labs: Designed a semester-long curriculum for computational skills. Taught weekly workshops on: Bash, Git, Python, SQL, RegEx (using the Software Carpentries lesson plans). Supervised independent projects.

Bright Wolf (a Cognizant Co) *Marketing Data Analyst* Sep 2020 - Apr 2021

- Organized, managed, & visualized marketing data; supported & audited email campaigns.
- Built a data pipeline that integrated data from Salesforce, EverString (now ZoomInfo), and other sources into one cohesive relational database, and then used that database to power a dashboard that visualized the available data for potential corporate clients. Utilized the Streamlit, Plotly, and SQLAlchemy Python libraries.

Cline Center *Graduate Research Assistant* Aug 2019 - May 2020

- Supported the Cline Center with data releases by preparing & cleaning data, updating documentation, and coordinating with the data repository; promoted the Global News Index by preparing and helping to present tutorials; developed a user feedback process for Cline Center software applications and data releases; other support tasks as needed.

The Program on Governance and Local Development (GLD) *Data Science Intern* May 2019 - July 2019

- Assisted the Data Scientist on data monitoring tasks for an ongoing survey (LGPI 2019).
- Wrote Python scripts to organize and wrangle data from SurveyToGo (including geospatial data), processed large XML documents, and other misc data processing tasks.

Cline Center *Graduate Research Assistant* Jan 2019 - May 2019

- Created user-friendly documentation for the Cline Center's Global News Index using Adobe InDesign. Wrote an in-depth codebook on the GNI's variables and corpora, a user guide for Archer (in-house software developed to query the GNI), and a guide on using Solr to query the GNI. Tested & documented bugs for Archer, and assisted users in querying the GNI.

PUBLICATIONS

"No buzz for bees: media coverage of pollinator decline"  PNAS, Jan 2021

"Python can be tidy too: pandas recipes for normalizing data"  PyCon, April 2020

"Put Relational Databases in Your Data Curation Toolbox"  ASIS&T, Oct 2019