

RAINWATER MOREHEAD

Data Analyst

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ABOUT ME: Before I moved into data analytics, I worked in communications in religious contexts, a field in which I often found unexpected intersections with a long-time interest in how numbers and data shape the environment in which we live. As I've sought to explore that interest further, I ended up at Nashville Software School, where a course in Data Analytics led me to a field that I hope will prove both enlightening and engrossing.

SKILLS

Python (pandas) | SQL (PostgreSQL) | Git / Github | Kanban | Video encoding | Audio mixing | Tableau | PowerBI
Seaborn | Matplotlib | Zig | Bash | ZSH | Debian | Manjaro | Server management | Linux administration | FOSS
Project Administration | Team Management | Training | Documentation

DATA ANALYTICS EXPERIENCE

Nashville Software School

July 2022 - Present

Data Analyst Apprentice

Intensive full-time bootcamp focusing on data analytics fundamentals and problem solving. Used real-world datasets to analyze data and prepare findings for topical analysis in the community.

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups, and connected to external data sources using the PowerPivot add-on
- Built and deployed dashboards using PowerBI
- Wrangled data and performed exploratory data analysis using Python's *pandas* library
- Created data visualizations using *matplotlib* and *seaborn*
- Performed geospatial analysis using *folium*
- Retrieved and analyzed data using PostgreSQL
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

PROJECTS

- Low Income and Elderly Assistance Grant Planning (Excel): Using data from Hand Up America, worked as part of a team analyzing tax burden and income disparities among elderly Americans to develop recommendations for targeting assistance to maximum need. All analysis done in Excel. [Github](#)
- Lahman Baseball Database (SQL): Led a team using SQL to explore, analyze, and draw data-driven storylines from the history of the MLB as chronicled by the Lahman Baseball Database. Addressed both quantitative and qualitative questions, including correlation analysis. All analysis in PostgreSQL. [Github](#)

PROFESSIONAL EXPERIENCE

A/V Technician | Downtown Presbyterian Church | January 2022 - Present

Historic Presbyterian (PCUSA) church located in the heart of Nashville

- Designed and budgeted for significant upcoming remodel of A/V broadcast system and implementation
- Produced full live weekly broadcasts of services, often as one-woman production
- Mixed live in-house audio to produce a balanced and comprehensible experience for congregants
- Supervised and trained rotating teams of volunteers in basic broadcast tasks

Communications Specialist | Wendland-Cook Program in Religion and Justice | October 2020 – January 2022

Research institution at Vanderbilt Divinity School exploring the intersection of ecology, economics, religion, and justice

- Performed post-production editing and packaging for video content produced by the Program
- Developed novel optimization approaches to video trimming and annotation
- Designed and implemented training curricula for video planning optimization and institutional best practices

Director of Science, Technology, Engineering, & Mathematics | BSA Camp Roy C. Manchester | May – June 2018

Scouting camp on Pfeiffer Scout Reservation

- Designed, submitted, and implemented curricula and daily lesson plans for merit badge instruction
- Audited curricula submitted by other directors
- Discussed future improvement plans for individual Scouts with Scoutmasters, including strengths, weaknesses, and circumstances which lead to disciplinary problems

EDUCATION

- Data Analytics Bootcamp Certification | Nashville Software School | January 2023

AWARDS

- Presidential Ambassador Scholarship: Top tier of undergraduate academic and holistic scholarship at Campbellsville University, August 2016
- Vigil Honor of the Order of the Arrow: Honor granted to Order members who display the highest echelon of faithful service to community and organization, December 2015
- Midwest Champions/National Finalists, STN Broadcast Excellence in Weekly News: One of three student television broadcast teams chosen as national finalists by the Student Television Network, 2014, 2015, 2016