

Elizabeth Gronski

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EDUCATION

University of Missouri, Columbia MO — *M.S. Data Science & Analytics*

AUGUST 2024 - MAY 2026

- 4.0 GPA
- Research Assistant

University of Washington, Seattle WA — *B.S. Informatics*

SEPTEMBER 2020 - JUNE 2024

- Dean's List Recipient for 8 quarters.
- Teaching Assistant for Python and R courses
- Research in ChatGPT Poetry Analysis and Memorization

PROJECTS

ChatGPT Poetry Analysis — *Researcher*

JANUARY 2024 - JUNE 2024

- Conduct web scraping on thousands of poems and gather manual dataset for ChatGPT's poetry analysis, demonstrating skills in data management and cleaning.
- Tag poems by form based on ChatGPT's analysis, utilizing AWS server and Python scripts stored in GitHub repository.
- Analyzing tagging results using Python's pandas. Currently gathering results to publish our datasets and findings for future research.

EXPERIENCE

MU Institute for Data Science and Informatics, Columbia MO — *Graduate Research Assistant*

JANUARY 2025 - PRESENT

- Collaborate with Tenured MU Professor on his rural healthcare research.
- Work independently to complete projects and effectively manage time to meet project deadlines.
- Exercise skills in statistical analysis, network analysis, and working with geospatial data.

Avanade, Seattle WA — *Junior Data Analyst*

AUGUST 2023 - AUGUST 2024

- Utilize SQL, Excel and Git to clean and maintain data within the confidential, internal company database for downstream data analysis.
- Work with a large IT team and collaborate on updating current software, fulfilling data requests and maximizing efficiency within our data flows.
- Analyzing and automating data flows within the database by utilizing PowerBI.

SKILLS

R and Python programming for statistical analysis and data science

Statistics and mathematics

Data visualizations using ggplot, Matplotlib, pandas, etc.

Data gathering, cleaning, and wrangling

HTML, CSS, JavaScript, and React.js for web development

Database management with SQL and Excel

Business Analytics with Tableau and PowerBI

PROJECTS

U.S. Campground Analysis is an interactive web application created using ShinyApps and ggplot data visualizations in R.

<https://github.com/info-201b-wi22/final-project-BA3>

COVID-19 Hospital Analysis finds insights into hospitalizations and healthcare provider vaccinations. This project competed in the DubsTech Datathon, and was created using R and Python.

https://drive.google.com/drive/folders/1XzyPHSYu_z9LT4EDCr-YnHkLS7Ddzg54?usp=sharing