Dorothy Isom

Suffolk, Virginia | dorothyiisom@gmail.com

EDUCATION

Virginia Tech | College of Natural Resources and the Environment   **Blacksburg, Virginia**
Bachelor's Degree in Environmental Data Science | GPA: 3.57   *Graduation Date: May 11th, 2023*

Old Dominion University | School of Data Science   **Norfolk, VA**
Pursuing a Master's Degree in Data Science and Analytics | GPA: NA   *Graduation Date: May 2026*

TECHNICAL SKILLS

Coding Languages: Python, R, RShiny, SQL, VBA

Tools: GitHub, Microsoft Office (Word, Excel, Access, Powerpoint), ArcGIS, Google Earth

Statistics: Creation of models, linear regression, parametric inference

GIS: Programming maps, calculating flow frequency, hydrologic analysis of geospatial data, creating models of terrain

Field Experience: Measurement of land and field attributes, use of land measurement tools

PROJECTS

James Cave Data Visualization in RShiny   **January 2023 – May 2023**

Received data from Dr. Madeline Schreiber from Virginia Tech in order to clean, visualize, and design UI in order to explore data. Data came from James Cave in Pulaski, VA and was recorded from 2009 to 2019. Worked with a group in my Senior capstone project for Environmental Data Science.

> **Skills:** Data Visualization, Data Processing, Data Cleaning, R Shiny, RStudio, Environmental Data Analysis

WORK EXPERIENCE

Telus International   **December 2022 – July 2023**
AI Rater

- Rate websites based on quality and trust
- Compare search results based on queries given by users of search engines
- Provide feedback for search results to aid in more helpful search results