

Bear Jordan

404.754.0335 | bearjordan@gmail.com | linkedin.com/in/bear-jordan
github.com/bear-jordan | JavaScript, Julia, Python, R, SQL, Tableau

EXPERIENCE

Strata Environmental Consulting

Jan 2022 – Present

Data Analyst and Geologist

- Develop a suite of five Environment, Health, and Safety dashboards to perform exploratory data analysis, evaluate detailed performance for individuals, compare performance across individuals, and plan upcoming work (~1,000 views per month) — **Adobe Illustrator, Cumul.io, Figma, SQL**
- Identified individual days of likely petroleum releases into the environment from two years of tank inventories via time series decomposition and anomaly detection analyses — **R**
- Reduced from hours to minutes the time spent to clean, run statistical analyses, and report on groundwater monitoring data through a series of interactive notebooks — **Julia**
- Distilled technical analysis into written reports and summary visualizations for clients and state agencies — **Adobe Illustrator, R**

Classification of Volcanic Seismicity

May 2022

Class Project: Data and Visual Analytics

- Automated classification of unstructured volcano-seismic waveforms from the Cotopaxi Volcano via empirical mode decomposition and multiple machine learning classification algorithms — **Python**
- Presented the classification results (~85% accuracy) and highlighted misclassification differences for each model through an interactive dashboard — **HTML, CSS, JavaScript (D3)**

Utah Geological Survey

Sept 2020 – Jul 2021

Geological Technician

- Automated data entry of 105 historical uranium production tables through OCR — **Python**
- Published UGS Open File Report “Uranium and vanadium resources of Utah: An update in the era of critical minerals and green energy” — **ArcGIS**

University of Georgia

Aug 2018 – May 2020

Research Assistant

- Differentiated between two mineralogically similar granites by their rare earth elemental composition using linear discriminate analysis — **R**

EDUCATION

Georgia Institute of Technology

Jul 2023

Master of Science, Data Analytics

University of Georgia

May 2020

Master of Science, Geology

University of Georgia

May 2018

Bachelor of Science, Geology