

Fisher Ankney

www.github.com/fisherrawww.fisherankney.com

Education

- M.S. Statistics** (*In Progress*) Oklahoma State University 2018 – 2020
- GPA: 3.66, Concentration in computational statistics
- B.S. Geology** Colorado State University 2012 – 2016
- GPA: 3.7, Concentration in geophysics

Experience

- Graduate Teaching Assistant** Oklahoma State University 2018 – 2020
- Communicate technical knowledge to an often non-technical audience.
 - Cultivate a strong knowledge in the fundamentals of math and statistics.
 - Leveraged Knowledge in statistics, math, public speaking, and scientific teaching.

- Science Technician** United States Geological Survey 2013 – 2017
- Implemented statistical models and algorithms in R to draw conclusions from large datasets.
 - Published scientific articles and received numerous acknowledgements by substantially contributing to the data analysis of various riparian ecosystem investigations.
 - Created reproducible research guidelines to standardize data analysis processes using Git.
 - Leveraged Knowledge in R, Bash, Git, ArcGIS, Excel, statistics, and the scientific method.

- Research Assistant** Colorado State University 2014 - 2016
- Created and utilized shell and C++ scripts to download, sort, filter, and screen over 6000 seismograms to be used in a surface wave tomographic survey of Greenland.
 - Visualized mantle convection patterns via calculated wave-velocity anomalies using MATLAB.
 - Planned and conducted a seismic refraction survey on the Arikaree River using industry specific software to better understand and visualize the subsurface hydrology.
 - Leveraged Knowledge in C++, MATLAB, Bash, seismology, and the scientific method.

Skills

Software:

- **R:** ggplot2, lattice, dplyr, modelr, tidyr, readr, purrr, forcats, tidytext, rmarkdown, RStudio.
- **Python:** NumPy, SciPy, Pandas, Geopandas, Matplotlib, Anaconda, Jupyter Lab.
- SQL, Tableau, Git, Bash, HTML, CSS, SASS, Jekyll, ArcGIS.

Analytical:

- Linear Regression, Probability Theory, Mathematical Inference, Experimental Statistics, Multivariate Calculus, Linear Algebra, Differential Equations.