

Fisher Ankney

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Education

M.S. Statistics (3.66 GPA) Oklahoma State University 2018 – 2020

Related Coursework – Regression Analysis, SAS & R Programming, Mathematical Inference, Probability Theory, Statistics for Experimenters I & II

B.S. Geology (3.7 GPA) Colorado State University 2012 – 2016

Related Coursework – C Programming, Multivariate Calculus, Linear Algebra, Seismology Research

Experience

Graduate Teaching Assistant Oklahoma State University 2018 – 2020

- Cultivate a confident, articulate, and professional speaking ability, communicating technical information to non-technical classes of approximately 70 university students.
- Create interactive web applications to facilitate student engagement using R Shiny.

Leveraged Knowledge in R, R Shiny, public speaking, scientific teaching, elementary statistics

Science Technician United States Geological Survey 2013 – 2017

- Use R to import, clean, transform, visualize, and model large ecology datasets.
- Create reproducible research guidelines to standardize data analysis processes using R and Git.
- Provide substantial written contributions to scientific investigations, resulting in two second-author peer-reviewed publications and several more formal acknowledgements.

Leveraged Knowledge in R, SQL, 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.

Projects

www.FisherAnkney.com

- Conducted and published more than 20 data science blog-posts covering topics including EDA, data mining, natural language processing, RDBMS guides, probability simulations and more.

Leveraged Knowledge in R, Python, SQL (MySQL), Git, Tableau