Fisher Ankney

Fisherankney.com | 970-305-7321 | Fisherankney@gmail.com

Education

M.S. STATISTICS *(IN PROGRESS)* | OKLAHOMA STATE UNIVERSITY   2018 - 2020
B.S. GEOLOGY | COLORADO STATE UNIVERSITY | C. GEOPHYSICS   2012 - 2016

Experience

GRADUATE TEACHING ASSISTANT | OKLAHOMA STATE UNIVERSITY   2018 - PRESENT
· Communicate technical knowledge to an often-non-technical audience.
· Cultivate a strong knowledge in the fundamentals of statistics.

SCIENCE TECHNICIAN | UNITED STATES GEOLOGICAL SURVEY   2015 - 2017
· Conduct applied research on riparian ecosystems throughout the western United States, including experiment design, and data collection.
· Daily use of R, and industry specific statistical software to model and visualize statistical phenomena between tree-rings, climate, and hydrogeology.
· Complete investigations by publishing statistical model, tables, figures, experiment methodology, and conclusions in peer-reviewed scientific articles (two second-author publications).

LABORATORY TECHNICIAN | UNITED STATES GEOLOGICAL SURVEY   2013 - 2015
· Conduct independent, multi-day fieldwork assignments across the western United States.
· Adhere to laboratory policies and scientific methodology while digitizing data, and running quality assurance testing.

Skills

COMPUTATIONAL

R (reading and writing data files, wrangling messy datasets, interactive visualizations, modelling, report generation, and much more), Python (automation, basic data analysis), MySQL, SAS, Bash, Git, GitHub (@fisherra), HTML, CSS, SASS, Jekyll, MacOS, Windows, Linux.

ANALYTICAL

Probability Theory, Mathematical Inference, Experimental Statistics / Hypothesis Testing, Regression Analysis, Linear Algebra, Multivariable Calculus, Differential Equations, Computational Geodynamics and Deep Earth Seismology, Research in Dendrochronology and Hydrology with publications.