Kairsten Fay

kairsten.fay@gmail.com - (704) 975-3698 - http://kairstenfay.github.io

Objective

Technical oriented data analyst with experience in visualizing and interpreting data to promote academic research. Passionate about studying machine learning and optimization problems. Seeking to leverage coding and statistical data analysis to improve company performance.

Experience

Data Analyst, Feb 2017 – Present

Institute for Health Metrics and Evaluation, Seattle, WA

o   Design and build interactive visualizations and dashboards
o   Build an API to share summary results from central databases
o   Assist with improving data pipeline for preparing and entering data into models
o   Organize a statistics book club
o   Foster a collaborator network with nutrition experts worldwide
o   Tools: Python, R, Tableau, SQL

GIS Data Technician, Jan 2015 – Sep 2016

NC State University, Raleigh, NC

o   Collected, cleaned, and entered data from literature review and museum trips
o   Created visualizations and calculated summary statistics to tell the data's story
o   Helped organize data collection trips and a research policy workshop
o   Tools used: ArcGIS, Excel, SQL, Python, R

Research Assistant, Apr 2014 – Mar 2015

NC State University, Raleigh, NC

o   Designed an independent research project while assisting with a mentor's dissertation work
o   Heightened lab and research visibility by presenting at multiple symposiums
o   Tools used: Microsoft Excel, SAS

Education

Bachelor of Science in Biology, 2011-2015

NC State University, Raleigh, NC

o   GPA: 3.98, Magna Cum Laude
o   Awarded the Caldwell Fellowship and Phi Beta Kappa honor society membership

Additional Skills

o   Statistical data analysis, data cleaning, data mining, data visualization, data entry
o   Bilingual English/Spanish