Kairsten Fay

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

Objective

Seattle-based data analyst consistently praised for the ability to grasp complex concepts quickly. Seeking to leverage data visualization and machine learning to improve company accuracy.

Experience

Data Analyst, Feb 2017 – Present

Institute for Health Metrics and Evaluation, Seattle, WA

- Developed visualization dashboards to extract key insights in the correlations between diabetes, BMI, food consumption, and health outcomes
- Learned Flask to build a REST API to reduce the need for writing lengthy SQL queries
- Collaborated with a team member to improve speed and efficiency in our ETL pipeline
- Tools: Python (pandas), R (ggplot2, dplyr), Tableau, SQL, Excel

GIS Data Technician, Jan 2015 – Sep 2016

NC State University, Raleigh, NC

- Published a publicly available visualization to portray the shifting winter coat color distribution of 16 mammal and bird species worldwide
- Collected, cleaned, and entered data from literature review and museums trips. Recruited collaborators to collect data in museums too far to visit.
- Tools used: Python, R, Tableau, SQL, ArcGIS, Excel

Research Assistant, Apr 2014 – Mar 2015

NC State University, Raleigh, NC

- Designed an independent research project with available resources to improve the scientific understanding of the genetic basis of alcohol addiction and withdrawal
- Heightened lab and research visibility by presenting preliminary results at symposiums
- Tools used: Excel, SAS (JMP)

Education

Bachelor of Science in Biology, 2015

NC State University, Raleigh, NC

- GPA: 3.98, Magna Cum Laude
- Caldwell Fellowship and Phi Beta Kappa honor society

Additional Skills

- Statistical data analysis, machine learning, data cleaning, data mining, data visualization
- Bilingual English/Spanish
- Microsoft Office, HTML/CSS