**Kairsten Fay**

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

[Objective](mailto:kairstenfay@gmail.com)

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, shiny), 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

AdditionalSkills

* Statistical data analysis, machine learning, analytical writing, literate programming
* Bilingual English/Spanish
* Microsoft Office, HTML/CSS, plotly