**Kairsten Fay**

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[**PROFESSIONAL PROFILE**](mailto:kairstenfay@gmail.com)

* Quick learner with data science skills achieved through job experiences and independently through online courses, projects and competitions

**PROFESSIONAL EXPERIENCE**

**INSTITUTE FOR HEALTH METRICS AND EVALUATION, University of Washington, Seattle, WA**

*Data Analyst, Feb 2017 – Present*

* Create data pipelines for cleaning dietary data to use in models
* Foster a collaborator network with nutrition experts worldwide
* Query from multiple databases and visualize data as needed
* Tools: R, Tableau, SQL, Python

**NC STATE UNIVERSITY, Raleigh, NC**

*GIS Data Technician, Jan 2015 – Sep 2016*

* Collected, cleaned, and entered data from literature review and organized trips to museums across the U.S.
* Visualized the multivariate data
* Queried the data and performed summaries as needed
* Tools used: ArcGIS, Excel, SQL, Python, R

**NC STATE UNIVERSITY, Raleigh, NC**

*Research Assistant, Apr 2014-Mar 2015*

* Designed independent research project using available lab materials and resources
* Heightened lab and research visibility by presenting data at a symposium and an international conference
* Tools used: Microsoft Excel, SAS

**EDUCATION**

**NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC**

*Bachelor of Science in Biology with a concentration in Ecology, Evolution, and Conservation, May 2015*

* GPA: 3.98/4.0
* Awarded the intensive, leadership-oriented Caldwell Fellowship for integrity, scholarship, and service
* Inducted into the Phi Beta Kappa national honor society for academic excellence

**SKILLS**

* Statistical analysis; data cleaning, mining, and visualization; machine learning; big data platforms (Hadoop, Apache Spark)
* Bilingual English/Spanish
* Teacher and tutor certifications