

Kairsten Fay

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PROFESSIONAL PROFILE

- ◆ 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