**Kairsten Fay**

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

* Dynamic, personable, and detail-oriented individual studying data science and machine learning
* Quick, independent learner with data science and big data skills achieved through previous jobs and by completing online courses, projects and competitions

**PROFESSIONAL EXPERIENCE**

**NC STATE UNIVERSITY, Raleigh, NC**

*GIS Data Technician, Jan 2015 – Sep 2016*

* Paved the way for a new lab project by designing and maintaining the database, collecting, cleaning, and entering data, and organizing data collection trips to museums across the U.S.
* Used Python and R to determine where our biases lay and adjusted data collection accordingly
* Created aesthetic maps from multi-variate data from SQL queries in ArcGIS
* Contributed to research on global coat color phenology, paper in preparation

**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 university symposium and at a Genetics Society of America international conference
* Contributed to research on genomic, fitness, developmental, and behavioral response in high ethanol environments, paper in preparation

**EDUCATION**

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

*Bachelor of Science in Biology, May 2015*

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

**SKILLS**

* R, R graphics, Python, SQL, GIS, Microsoft Excel, applied statistics, data mining, data visualization, machine learning, big data platforms (Hadoop, Apache Spark)
* Prominently self-taught with 13+ verified skill certificates from Coursera
* Bilingual English and Spanish
* Excellent communication, time management, and problem solving skills
* 2+ years data entry and customer service experience