Kairsten Fay

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PROFESSIONAL PROFILE

◆ Dynamic, personable, and detail-oriented individual seeking employment in data science or data analytics
◆ Quick, independent learner with data science and big data skills achieved through previous jobs and by completing data science 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 in "Genetic and genomic response to selection for food consumption in *Drosophila melanogaster*", Behav Genet (2016). doi:10.1007/s10519-016-9819-x and to research on genomic, fitness, developmental, and behavioral response in high ethanol environments, 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