Kairsten Fay

708 6th Ave N Unit 601, Seattle, WA 98109 * (704) 975-3698 * kairsten.fay@gmail.com * http://kairstenfay.github.io

PROFESSIONAL PROFILE

- Dynamic, personable and challenge-driven recent college graduate with extensive research background resulting in multiple publications
- Self-motivated, resourceful learner who is gaining high-demand data science and big data skills through completing projects daily

PROFESSIONAL EXPERIENCE

NC STATE UNIVERSITY, Raleigh, NC
Research Technician, Jan 2015 – Sep 2016

- Paved the way for a new lab project by designing the dataset, collecting and cleaning the majority of the data, and organizing data collection trips to museums across the U.S.
- Used Python and R to explore the data and determine where our collection biases lay
- Created aesthetic, simple maps from the multi-variate data in ArcGIS to use for presentations
- Contributed to research on global coat color phenology, paper in preparation

NC STATE UNIVERSITY, Raleigh, NC
Research Assistant, Apr 2014-Mar 2015

- While assisting a PhD candidate's dissertation work, designed own research project using available resources
- Heightened lab and research visibility by presenting data at a university symposium and at a Genetics Society of America international conference
- Contributed to "Genetic and genomic response to selection for food consumption in *Drosophila melanogaster*", Behav Genet (2016). doi:10.1007/s10519-016-9819-x and to "Genomic, fitness, developmental, and behavioral response to experimental evolution for high ethanol environment", 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 through which I expanded my academic and cultural horizons. I was selected for my scholarship, dedication to service, and integrity
- Invited into the Phi Beta Kappa national honor society for academic excellence

SKILLS

- R, Python, SQL, GIS, applied statistics, machine learning, PostgreSQL, MongoDB, Panda, MapReduce programs, and big data platforms (Hadoop, Apache Spark)
- Prominently self-taught with 8+ verified certificates from Coursera and counting
- Bilingual English and Spanish
- Excellent communicator, time manager, and problem solver