Kairsten Fay

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

PROFESSIONAL PROFILE

- Dynamic, personable and challenge-driven recent college graduate with extensive research background
- Actively involved in MOOCs and other online resources to gain valuable data science and big data skills
- Possess comprehensive knowledge Python, R, SQL, GIS, Microsoft Office
- Contributions to research have resulted in multiple scientific publications

PROFESSIONAL EXPERIENCE

NC STATE UNIVERSITY, Raleigh, NC
Research Technician, Jan 2015 - present

- Design dataset, collect data from multiple sources, clean data and integrate into the database
- Build new fields with Python, query fields with SQL
- Create exploratory graphs in R using statistics and visualize the multi-variate geospatial data in ArcGIS
- Performed various administrative tasks for a past workshop
- Co-authored scientific paper on Global Coat Color Phenology, in preparation

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

- Designed own research project where I collected and analyzed dat
- Gave poster presentations of results at a symposium and an international conference
- Co-authored scientific paper, "Genetic and genomic response to selection for food consumption in *Drosophila melanogaster*", Behav Genet (2016). doi:10.1007/s10519-016-9819-x
- Co-authored scientific paper, "Genomic, fitness, developmental, and behavioral response to experimental evolution for high ethanol environment", in preparation

EDUCATION

NORTH CAROLINA STATE UNIVERSITY, Raleigh, NC
Bachelor of Art in English May 2004

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

ADDITIONAL SKILLS

- Proficient in Python, R, SQL, and GIS
- Familiar with big data platforms (Hadoop, Apache Spark)
- Bilingual Spanish and English
- Quick, independent learner with wonderful time management
- Possess excellent communication and problem solving intuition
- Certified teacher and tutor