

# Katherine A Hickok

thekatiehickok@gmail.com – linkedin.com/in/katherine-hickok – (843)-709-1868  
Denver, Colorado

## EXPERIENCE

- Data Scientist Fellow** 11/2021- Present  
General Assembly Denver, CO
- Perform data cleaning and exploratory data analysis to solve analytical problems using Python.
  - Develop statistical models, including regression and classification, to make predictions.
- Server/Host** 05/2021- 11/2021  
Delaney Oyster House- Neighborhood Dining Group Charleston, SC
- Maintained high standards of customer service for patron enjoyment during fast-paced operations.
  - Used menu knowledge and strong communication skills to increase food/drink sales.
- Substitute Teacher** 11/2019-05/2021  
Kelly Services Charleston, SC
- Managed classes by maintaining a safe and productive learning environment for students from K5 to grade 12.
- Staff Geologist** 07/2018- 09/2019  
Terry Environmental Services Summerville, SC
- Effectively prioritized and performed multiple field-based assignments, while adhering to SC-DHEC standards and staying within budget.
  - Managed multiple projects simultaneously and acted as a field site liaison between clients and subcontractors
  - Worked independently in a field environment and conduct environmental site assessments
  - Created and maintained standard operating procedures documents
  - Assisted with training new hires and mentored them on time-efficient procedures and safety protocols.
- Graduate Research Assistant** 08/2015- 08/2017  
University of South Carolina Columbia, SC
- Developed and implemented a multidisciplinary project to better understand the biogeochemistry of an oceanic hydrothermal vent system.
  - Conducted background research and synthesized technical data to address unanswered hypotheses.
  - Prepared written materials for publications and conferences with implications for prebiotic chemistry and astrobiology.

## SKILLS

**Computer-** Python (NumPy, Pandas, Seaborn, Matplotlib, scikit-learn), Microsoft Office Suite, Web Scraping, API  
**Other-** Technical writing, Literature review, Project management, Communication, Data analysis, Statistical analysis

## PUBLICATIONS

**Hickok K.A.**, Nguyen T.B., and Lang S.Q. (2018). Assessment of apolar lipids in subseafloor rocks and potential contaminants from the Atlantis Massif (IODP Expedition 357). *Organic Geochemistry*. 122: 68-77.

Emerson H. P., **Hickok K. A.**, and Powell B. A. (2016). Experimental Evidence for Ternary Colloid- facilitated Transport of Th(IV) with Hematite ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) Colloids and Suwannee River Fulvic Acid. *Journal of Environmental Radioactivity*. 165: 168-181.

## EDUCATION

- Data Scientist in Training** 11/2021- present  
General Assembly Denver, CO
- MS in Geological Sciences** 08/2015- 08/2017  
University of South Carolina Columbia, SC
- BS in Geology with Concentration in Environmental Science** 08/2010- 05/2014  
Clemson University, *Cum Laude* Clemson, SC