

Position Title

Data Science Graduate Assistant

FTE

20 hours/week appointment split between the Data Science Academy and the Data & Visualization Services Department of the University Libraries.

Wage

\$22,500 for a 20 hour/week 9 month appointment. The position runs the duration of the 2022 academic year, with the possibility of renewal for subsequent years. This position will cover tuition and GSSP.

Primary Purpose of Position

This position is a joint appointment with The Libraries and the Data Science Academy, who are partnering to build a hub for interdisciplinary data science work across campus. At NC State, “data science is for everyone,” and the Data Science Academy will lead the multidisciplinary educational, research, and engagement efforts to integrate data science across NC State and its partners and affiliates. The Libraries’ role is to grow this inclusive campus community by providing community space, powerful computers, and the Data Science Consultant service.

We are hiring two 20 hour/week Graduate Research Assistants to provide collaborative data science analytic support to researchers and students at NC State. They will join a diverse team of Graduate Student employee Research Assistants and Data Science Consultants. The graduate RAs will work in coordination with the NC State University Libraries and the Data Science Academy to support data-driven research. We are specifically interested in graduate students with expertise in programming, data manipulation and cleaning, and statistical and quantitative analysis. Graduate RAs will perform the following kinds of work:

- They will be assigned to work with researchers on a broad range of projects involving data and analysis and can expect to work on a series of such projects during the academic year.
- Providing one-on-one consultations to other students through appointments at the Hill Data Experience Lab or the Hunt Dataspace.
- Assisting with and teaching library workshops through Data and Visualization Services

Graduate RAs will gain hands-on experience in data science across a variety of disciplines as well as formal training in best practices for collaborative work. Women and underrepresented minorities are encouraged to apply. A 9 month commitment is required and appointments may be renewed for subsequent years depending on availability. Hourly summer work may be available depending on funding.

Minimum Experience/Education

Must be a currently enrolled Ph.D. student at NC State.

Required Skills/Domain expertise

Experience in **one** or more of the following methodological areas:

- Data and statistical analysis (manipulation, aggregation, and modeling)
- Data visualization
- Machine learning and artificial intelligence
- Text analysis and natural language processing
- Computer vision/image analysis
- Geospatial analysis

Expertise in **one** or more relevant languages or applications including:

- Python, R, or Matlab
- Geospatial software such as ArcGIS, QGIS, or GRASS
- Statistical software such as SAS, Stata, SPSS, or JMP

Excellent communication skills. Demonstrated ability to work on asynchronous, collaborative tasks as well as the ability to work with limited supervision.

Preferred Years Experience, Skills

Experience in workshop, computer lab, classroom instruction, or customer services is desirable but not required.

Proposed Hire Date

August 16, 2022.

Required Documents

Applicants should submit a 1) cover letter explaining their interest in the position and any relevant experience and 2) resume/CV with links to any available online projects

To Apply

Please [submit this form](#), including the required documents. The form will remain open until applications are no longer being accepted.