



# Data Science and Analytics

## RESEARCH EXPERIENCES FOR UNDERGRADUATES

FUNDED BY THE NSA AND NSF



NORTH CAROLINA AGRICULTURAL  
AND TECHNICAL STATE UNIVERSITY

Department of Mathematics and Statistics,  
Department of Computer Science, and  
NSF ACE Data Science & Analytic Program

**May 22 through July 28, 2023**

**Program:** The Department of Mathematics and Statistics, Department of Computer Science, and NSF ACE Data Science and Analytics Program (DSA) at North Carolina A&T State University are hosting a ten-week Summer Research Experiences for Undergraduates (REU) Program in Data Science and Analytics for mathematics & statistics, computer science, engineering, physical, biological and social sciences, technology, and business majors with GPA of 3.0 or above. The REU program will engage student interns via information technology and cloud computing in investigative research that entails developing tools in data analytics. The students will employ and analyze classical methods as well as investigate and develop new methodologies and applications. The proposed projects cover some of the most challenging research questions in data science and machine learning.



**Eligibility:** US citizens or permanent residents.

**Host Type:** Onsite in-person.

**Award:** The program offers participants a total package of up to \$9,500 which includes \$5,000 stipend, \$4,000 housing and meal allowance, and up to \$500 travel support for out-of-state students.

**Application:** Complete and upload the following items at the link:

[https://ncat.az1.qualtrics.com/jfe/form/SV\\_7897IADIfWGXsPA](https://ncat.az1.qualtrics.com/jfe/form/SV_7897IADIfWGXsPA)

- application form
- two letters of recommendation with at least one letter from a professor from whom you have taken a core course in the department of your major to be emailed to Dr. Kossi Edoh at [kdedoh@ncat.edu](mailto:kdedoh@ncat.edu)
- an essay of 300-500 words describing your research interests and your educational and professional plans
- an unofficial transcript

The application deadline is **Wednesday, March 8, 2023**. Application review begins on **Wednesday, March 15**, Zoom interviews for the semifinalists will be conducted on **March 20 - March 22**, and those accepted will be notified by **April 5, 2023**.

For more information, please contact **Dr. Kossi Edoh** at [kdedoh@ncat.edu](mailto:kdedoh@ncat.edu) or **Dr. Guoqing Tang** at [tang@ncat.edu](mailto:tang@ncat.edu).