



Data Science and Analytics

RESEARCH EXPERIENCES FOR UNDERGRADUATES

FUNDED BY THE NSA AND NSF



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

May 23 through July 29, 2022

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, 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: USA citizens or permanent residents.

Host Type: The program is hybrid with eight weeks virtual and two weeks onsite, in-person program. If COVID restrictions require, it will shift to a fully virtual program.

Award: The program offers participants a research stipend of \$6,000, two weeks housing and meal allowance of \$1,500 for the onsite program, and 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_a5dddgK9J4gs3Qi.

- 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
- an essay of 300-500 words describing your research interests and your educational and professional plans
- an unofficial transcript

The application deadline is **Friday, March 18, 2022**. Application review begins on **Monday, March 21**, and Zoom interviews of the semifinalists will be conducted on **March 28-April 1**, and those accepted will be notified by **April 8, 2021**.

For more information, please contact **Dr. Kossi Edoh** at kdedoh@ncat.edu or **Dr. Guoqing Tang** at tang@ncat.edu.