



CLARK ATLANTA UNIVERSITY Job Description

Position Title:	Assistant Professor
Department:	Mathematical Sciences
Reports To:	Dr. Sandra Rucker

The following statements are intended to describe the general nature and level of work to be performed and are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. All duties listed are essential functions for the position. It is understood that other related duties may be assigned.

General Function (Description):

The Department of Mathematical Sciences at Clark Atlanta University invites applications for 2 tenure-track positions in the general area of Data Science. The positions, at the level of Assistant Professor, will begin in Fall 2021. Expertise in data science could include artificial intelligence, data mining, data visualization, machine/deep learning, big data and database systems, data/information security, data-driven modeling and prediction, and image or natural language processing. Successful candidates will be required to teach graduate and undergraduate courses in data science and mathematics, assist with curriculum development and assessment, perform service activities, and be productive in research. Priority will be given to candidates who demonstrate the ability to develop an innovative, externally funded, and collaborative research program.

Examples of Duties and Responsibilities:

Evidence of potential to maintain an active scholarship agenda in data science

Provide early research experiences to undergraduate students

Develop an externally funded research program in data science

Publish in peer reviewed journals

Advise, supervise, and teach undergraduate and master's level students

Provide assistance with university-wide data science initiatives

Competency and interest in teaching a broad range of undergraduate and graduate data science courses

Develop new data science courses in key areas of growth

Provide service to the department, school, and university

Provide assistance with student activities

Knowledge, Skills and Abilities:

A Ph.D. in mathematics, statistics, or other data science related field; demonstrate potential for excellence in data science research; and a commitment to high quality teaching.

Minimum Hiring Standards:

Education	A Ph.D. in mathematics, statistics, or a data science related field.
Years of Experience	2 years of university teaching experience is highly desirable
Years of Management/Supervisor Experience	None required

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