



# CLARK ATLANTA UNIVERSITY

## Job Description

<b>Position Title:</b>	<b>Machine Learning Assistant/Associate Professor</b>
<b>Department:</b>	<b>Cyber-Physical Systems</b>
<b>Reports To:</b>	<b>Dr. Roy George, Chair</b>

*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):***

Teach courses in programming languages, machine learning and data analytics at the undergraduate level. Develop early research experiences in the area for undergraduate students through projects, and technical papers. Assist with curriculum development and assessment in Machine Learning and Graph Analytics. Participation in division and college governance and demonstration of ongoing educational and professional growth are required. This position is III funded.

### ***Examples of Duties and Responsibilities:***

1. Teaching of Machine Learning and Graph Analytics at the undergraduate level in traditional and online formats
2. Curriculum and/or course development in Graph Analytics and Machine Learning
3. Provide early research experiences to undergraduate students in Graph Analytics and Machine Learning through class projects, thesis, and/or capstone projects
4. Publish technical papers and reports that enhance the undergraduate learning experience

### ***Knowledge, Skills and Abilities:***

Demonstrate potential for excellence in Machine Learning/Graph Analytics through high-quality undergraduate teaching (previous experience in teaching is highly desirable). Successful applicants will need to demonstrate a capability in incremental curriculum development in areas related Machine Learning and Graph Analytics. The applicant should demonstrate knowledge of current trends in Machine Learning/Graph Analytics, that will provide state-of-the-art research experiences to undergraduate students through class and capstone projects, and/or thesis.

### ***Minimum Hiring Standards:***

<b>Education</b>	Ph.D. in /Machine Learning, Computer Science, or a related field (Engineering, Physics)
<b>Years of Experience</b>	5 years of teaching experience is highly desirable
<b>Years of Management/Supervisor Experience</b>	