

Clark Atlanta University
Job Description

Position Title:	Assistant/Associate Professor
Employee:	Faculty
Department:	Cyber-Physical Systems
Reports To:	

Develops new research proposals in the areas of Computer Science related to Cyber-Physical Systems, for funding

Develop project proposals for existing projects in Cyber-Physical systems

- Develop and deploy software systems to fulfill project requirements
- Perform simulations and (statistical) analyses, including selecting the appropriate analysis procedure, setting up data for analysis, judging validity and reliability of data, designing and writing programs to perform analyses, and producing written reports on the result of the analyses.
- Presentation of project results to internal and external parties. 6. Engaged in writing of technical publications and reports.

Develop new curriculum and syllabi in the area of Cyber-Physical systems

Provide instruction to students in areas of Cyber-Physical systems

Provide students early research exposure, and mentoring

Collaborate with other faculty members in developing curriculum, research proposals, and teaching.

Knowledge, Skills and Abilities

This individual will have deep knowledge and experience of Cyber-Physical systems, in areas such as Cybersecurity, Artificial Intelligence, and Robotics. Prior teaching and research experience would be a

plus.

COMMUNICATIONS/INTERPERSONAL NEEDS:

Interpret and/or discuss information with others, which involves terminology or concepts not familiar to people outside this area of expertise and regularly provide advice and recommend actions. The selected candidate will be required to provide training seminars and presentations to a varied audience.

Minimum Hiring Standards:

Education	The minimum requirement is a terminal degree (Ph.D.) in Computer Science or a closely related area.
Years of Experience Required	
Years of Management/Supervisor Experience	