UNIVERSITY of LOUISIANA
LAFAYETTE

Staff Vacancy

POSITION: Research Scientist, Informatics Research Institute (IRI)

RESPONSIBILITIES:
Conduct research in data management and analytics to extract knowledge from massive data streams from heterogeneous sources. Establish a research agenda in Big Data through grants and contracts from external funding sources. Other specific duties include developing efficient solutions to handle complex data sets in such Big Data application areas as cyber security, sensor networks, anomaly detection, social media, healthcare, and emergency management; documenting research project ideas and outcomes in the form of technical reports, white papers, and publications; developing and leading training courses in areas of expertise. The successful candidate will work in a dynamic environment closely with students, other research scientists, developers, and faculty members across multiple institutions.

QUALIFICATIONS:
PhD in Computer Science or a closely related field, with demonstrated track record in one or more of the following areas: information retrieval, machine learning, algorithms, scalable system design and development, system performance optimization, data management. Preference will be given to candidates with strong system-level design and hands-on implementation experience in one or more of the following technologies: data management tools (SQL, NoSQL, Hadoop, Spark, Titan); analytical tools (WEKA, R); scripting languages (Python, JavaScript); programming languages (Java, C/C++); and the Linux/Unix operating system.

UNIVERSITY and COMMUNITY:
The mission of the University of Louisiana at Lafayette is to offer exceptional education informed by diverse world views striving to develop innovative leaders who advance knowledge. The Southern Association of Colleges and Schools Commission on Colleges accredits the University, which offers undergraduate and graduate degrees in the arts, sciences, and professional programs. The University is a public research university with high research activity, an enrollment of over 18,000 students and 800 faculty members. UL Lafayette is the largest of nine universities in the University of Louisiana System. The University offers degree programs in 55 undergraduate disciplines, 15 post-bachelor certificates, seven graduate certificates, the master's degree in 28 disciplines and the doctorate in 10 disciplines. Additional information about the University is available on the University's webpage at http://louisiana.edu./

ENVIRONMENT:
The Informatics Research Institute (IRI) conducts integrative research and offers training solutions in the transformation of information for solving problems that impact our society. IRI leverages the expertise in its three constituent centers: Center for Business & Information Technologies (CBIT), National Incident Management Systems and Advanced Technologies (NIMSAT) Institute, and the National Science Foundation Center for Visual and Decision Informatics (CVDI). CBIT focuses its activities on fostering technology-driven innovations in a wide range of application domains and is a recognized leader in technology-based economic development in the state of Louisiana. The NIMSAT Institute is a homeland security and emergency management institute with a focus on the development of public-private partnerships and the application of advanced information technologies. CVDI is an NSF Industry/University Cooperative Research Center (I/UCRC), the only of its kind in the U.S. addressing Big Data issues, and the first ever such center in the State of Louisiana.

SALARY:
Commensurate with qualifications and experience.

APPLICATIONS:
The search committee will review applications starting immediately and continue until the position is filled. Candidates should send a letter of intent; curriculum vitae; and name, address and telephone number of at least four references. Additional materials, of the candidate's choice, may also be sent. Applications should be sent to:

> **Research Scientist**
> **Informatics Research Institute (IRI)**
> 635 Cajundome Boulevard
> Lafayette, Louisiana 70506

The University of Louisiana at Lafayette is an Affirmative Action/Equal Opportunity Employer
A Member of the University of Louisiana System