معهد قطر لبحوث الحوسبة
Qatar Computing Research Institute

عضو في مؤسسة قطر
Member of Qatar Foundation

Principal Scientist- Data Analytics

Qatar Computing Research Institute (QCRI) is seeking candidates for a Principal Scientist position to work within the Data Analytics team. QCRI's Data Analytics group is conducting cutting-edge research on the core data management challenges, and the next generation of data mining and machine learning approaches. The data management research is focused on data extraction from its natural digital habitat, data integration from a large and evolving number of sources, and robust data cleaning processes to assure data quality and validation. The data mining research is focused on complex graph mining and analytics, meaning extraction from text and scalable parallel algorithms for big data.

Job Description:

- The Principal Scientist is a senior departmental leader within QCRI who is responsible for leading and conducting scientific research work.
- The Principal Scientist will have primary responsibility for defining the methodology for conducting research and for evaluating research results in order to ensure the highest standards of practice and research quality, while aligning research activities with QCRI's mission and vision.
- The Principal Scientist will possess a strong background in computational social science, behavior mining, visualization, text mining, data mining, machine learning, data management, or information retrieval.

Education:

- PhD in computer science or a related field from a top-tier institution.
- A strong record of major accomplishments.
- Strong publication record in tier 1 conferences and journals. Contributions to the community in the form of reviewing, mentoring students, organizing workshops and tutorials.
- The candidate must be a mature scientist with both theoretical and applied skills.
- Strong communication and collaboration skills.
- Must be fluent in English.

Research at QCRI:
QCRI supports Qatar Foundation's mission by helping to build Qatar's innovation and technology capacity. It is focused on tackling large-scale computing challenges that address national priorities for growth and development. Moreover, QCRI is a national research institute conducting world-class applied computing research that transforms the way we interact with each other, enables new discoveries, and accelerates development of society.

A proud member of Qatar Foundation for Education, Science and Community Development, QCRI is building a multidisciplinary research group in computer science with passion for innovation and excellence in research. The QCRI research program offers a collaborative, multidisciplinary team environment, endowed with a comprehensive support infrastructure.

Research in Qatar:
Qatar has made a commitment to be a leading center for research and development excellence and innovation. Home to a globally regarded scientific research funding organization, a world-class hub for technology innovation and commercialization, and prominent research institutes operating at the frontiers of science, Qatar Foundation Research and Development is spearheading a national endeavor to fulfill this commitment.

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The country is home to branch campuses of numerous world-renowned universities such as Carnegie Mellon University, Texas A&M University and Georgetown University, major oil and gas companies, telecommunication companies, and international media organizations such as Al Jazeera. These local institutions offer opportunities for research collaboration to tackle new computing research challenges of practical importance.

Package*:*
QCRI offers a unique opportunity for strong research careers and a highly competitive compensation package including attractive tax-free salary and additional benefits such as furnished accommodation, excellent medical insurance, annual paid leave, and more.

To apply, please click here and select "Principal Scientist – Data Analytics."