From:	dbworld-bounces@cs.wisc.edu on behalf of Xifeng Yan [xyan@cs.ucsb.edu]
Sent:	Wednesday, July 14, 2010 10:00 AM
To:	dbworld@cs.wisc.edu
Subject:	[Dbworld] Research Scientist in Graph Modeling, Management,and Mining

Title: Research Scientist in Graph Modeling, Management, and Mining

Background

The Network Science Group at UCSB is looking for a Research Scientist with expertise on graphs and network science. The scientist will develop science that enables the modeling, design, analysis, and prediction of behaviors of networks, and to develop fundamental underpinnings to enable humans and networks of disparate information sources to discover and optimize information and knowledge from the full range of structured and unstructured sources.

The duties of the research scientist will be to systematically develop the foundation needed for information networks including:

    * entity identification, information extraction, and data integration and uncertainty characterization of multimodal data;
    * construction and access of information network systems;
    * structural and statistical analysis of networks;
    * knowledge discovery and dissemination in information networks, and;
    * robustness, reliability, and trustworthiness of information.

Besides original research on the above topics, the research scientist will also be responsible for coordinated research across the various research groups within the information network center and across the four centers funded by Army Research Lab. In particular, the scientist will work directly with data mining and database researchers at UIUC, IBM, CUNY, and BBN.

The ideal candidate will have a PhD in computer science, demonstrated background in data analysis, data mining, and good communication skills. The length of employment can be up to five years. To apply, please send resume to

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