

ORNL Publications

External Publication

Job Posting Title

Knowledge Engineer--Data Systems Sciences & Engineering Group

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Purpose

The Computational Sciences and Engineering Division of Oak Ridge National Laboratory invite applications for the position of Knowledge Engineer in the Data Systems Sciences and Engineering Group.

Major Duties/Responsibilities

The position requires an experienced person who can assume the role of a Knowledge Engineer in a research and development environment that involves projects focused on all facets of knowledge-based systems. This position requires using information relayed by the domain experts to construct meaningful, useful, and scalable knowledge-based systems.

The position requires innovative thinking about hardware, software, and combinations thereof; technology evaluation; concept design; prototype development, implementation, and demonstration. Qualified applicants must have demonstrated hands-on skills and experience in developing software requirements, architecture and design, construction, testing, and maintenance; and demonstrated expertise in writing, testing, debugging/troubleshooting, and maintaining specialized programs/applications. Qualified applicants must have the ability to multi-task.

Qualifications Required

Applicant is required to have a Bachelors degree in a field of study related to engineering, computing and/or computational science. This position requires at least three years experience of research at a research institution, or government entity. It is required of this position the ability to obtain and maintain a clearance from the Department of Energy.

The major qualifications of the position include, but are not limited to, the following:

- Experience working with computer science research and technology development projects dealing with computational, information sciences and engineering technologies alone and/or in collaboration with other technical domains
- Experience developing new business
- Effectively interact with management and others involved in technical endeavors
- Experience with a variety of data models and data management systems
- Familiarity with data modeling, inference and reasoning systems, and other knowledge management techniques
- Demonstrated software programming skills
- Excellent interpersonal skills, the ability to work independently, outstanding written and oral communications skills, good organizational skills
- Ability to independently identify and solve challenging technical problems; strong commitment to ethical and professional values; maintains compliance with environmental, safety, health, and quality standards.

PREFERRED QUALIFICATIONS

Masters or PhD level of education in a field of study related to engineering, computing and/or computational science.

This position is a Workplace Substance Abuse program testing designed position which requires passing a pre-placement drug test and participation in an ongoing random drug testing program in which employees are subject to being randomly selected for testing. The occupant of this position will also be subject to an ongoing requirement to report to ORNL any drug-related arrest or conviction or receipt of a positive drug test result.

This position will remain open for a minimum of 5 days after which it will close when a qualified candidate is identified and/or hired.

We accept Word(.doc, .docx), Excel(.xls, .xlsx), PowerPoint(.ppt, .pptx), Adobe(.pdf), Rich Text Format(.rtf), HTML(.htm, .html) and text files(.txt) up to 2MB in size. Resumes from third party vendors will not be accepted; these resumes will be deleted and the candidates submitted will not be considered for employment.

If you have trouble applying for a position, please email ORNLRecruiting@ornl.gov.

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<http://jobs.ornl.gov/eVerify.shtml>

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