

Postdoctoral Research Associates for Applied Software Engineering Research

Computer Science and Engineering Division Oak Ridge National Laboratory Oak Ridge, Tennessee

ORNL10-57-CSED

Project Description:

The Applied Software Engineering Research (ASER) Group in the Computational Sciences and Engineering Division at the Oak Ridge National Laboratory seeks postdoctoral researchers to perform basic and applied research toward the analysis and visualization of very large volumes of text information, including the use of intelligent software agents, machine learning, information retrieval, and knowledge discovery techniques. The individual must be flexible with regard to the research assignments, must be able to collaborate with other scientists, engineers, and sponsors, and must be capable of producing significant research results, publications, and funding proposals.

Qualifications:

Position requires a Ph.D. in Computer Science, Computer Engineering, or a related field. Candidates must have demonstrated good academic standing, and the ability to conduct independent and significant research. Position requires the ability to communicate effectively (both verbal and written). Knowledge of Java and C/C++ programming is required. Experience with GUI design tools, High Performance Computing, GPU programming, and MPI programming is desired. Applicants cannot have received the most recent degree more than five years prior to the date of application appointment and must complete all degree requirements before starting their appointment.

NOTE: Candidates will be required to obtain and maintain a DOE security clearance, which requires US citizenship.

How to Apply:

Qualified applicants must apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.