

Visualization Science Researcher

Computational and Statistical Analytics Division, Information Analytics Group



Pacific Northwest
NATIONAL LABORATORY

Description:

Develop new visual analysis technologies and interaction techniques to enable timely insight from complex data. Lead teams of researchers and software engineers responsible for creation and evaluation of new visual metaphors appropriate to exploratory data analysis and discovery in highly complex environments. Will be expected to lead applied research projects and interdisciplinary teams of people, interact with clients, prepare research proposals, help to generate future research directions, author publications and presentations, and mentor other staff members.

Minimum Requirements:

 (must meet minimum to receive further consideration)

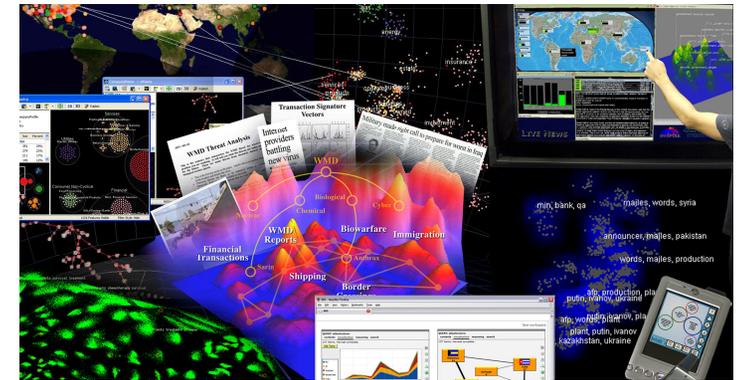
Degree in Computer Science or related technical discipline is required. An advanced degree is highly desired. The preferred candidate will have an MS or Ph.D. and 8-12 years of relevant experience. Minimum qualifications include a strong computer science background and:

- Level 3: Bachelor's degree with at least 5 years, Master's degree with at least 3 years, or Ph.D. with at least 1 year of relevant experience.
- Level 4: Bachelor's degree with at least 7 years, Master's degree with at least 5 years, or Ph.D. with at least 3 years of relevant experience.

A demonstrated record of innovation, and experience in leading applied research projects is required. Must have the ability to interact with clients, prepare research proposals, and help generate future research directions. Requires excellent oral and written communication skills, the ability to lead interdisciplinary teams, and a strong orientation toward advancing the state of the science. A track record of publications in relevant technical areas is required. Ability to obtain a future security clearance is required, which requires U.S. citizenship.

Qualifications:

Seeking visual analytics researchers in one or multiple areas of interest, including graph, temporal, spatial, and transactions analytics. Extensive visualization science experience is required. Requires experience in abstract information visualization. An understanding of topics such as human computer interaction, analytic reasoning, cognitive and perceptual psychology, and the analysis process is desired. Placement level will be dependent upon management's assessment of the selected candidate's skills, experience, and ability to contribute.



Please apply online for this position at <http://jobs.pnl.gov> (job ID #115383). This position is located in Richland, Washington.



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