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Subject: IDL programmer opportunity

Posted by [robert.dimeo](#) on Mon, 10 Mar 2003 15:07:35 GMT

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The Center for Neutron Research at the National Institute of Standards and Technology in Gaithersburg, MD is seeking candidates for a position as a Software Engineer.

The software engineer (SE) will work closely with a team of scientists and other developers on a project called DAVE (the Data Analysis and Visualization Environment), a comprehensive suite of interactive programs written for the casual neutron spectroscopist. The SE will be responsible for developing applications for the reduction, visualization, and analysis of neutron scattering data based on the needs of the scientific staff. Knowledge of neutron scattering techniques is not required but would be a plus.

#### Required skills

- At least 5 years experience programming in a high-level language
- B.S. in physics, chemistry, biology, computer science or related scientific discipline
- At least one year IDL\* programming experience
- Strong creative and analytical problem-solving
- Ability to communicate effectively in the English language both in person and in writing
- Ability to work independently and as a team member
- Ability to interact effectively with a variety of technical personnel

The following qualifications would be a plus

- Experience with application development with GUIs (graphical-user-interfaces) in IDL\*
- Experience in developing programs for the reduction, visualization, and/or analysis of multi-dimensional spectroscopic data
- Working knowledge of object-oriented programming
- Experience reducing and analyzing neutron scattering spectra
- M.S. or Ph.D. in physics, chemistry, biology, computer science or related scientific discipline

To learn more about the DAVE project please visit our web page:

<http://www.ncnr.nist.gov/dave>

Expressions of interest along with a resume should be sent to [robert.dimeo@nist.gov](mailto:robert.dimeo@nist.gov)

The National Institute of Standard and Technology (NIST) maintains an applicant supply file for a variety of scientific and technical positions. To review positions for which NIST maintains the file, please visit [www.usajobs.opm.gov](http://www.usajobs.opm.gov) and review announcement number NIST-2003-ASF. NIST is an equal opportunity employer.

\*IDL is a registered trademark of Research Systems, Inc. for the Interactive Data Language software

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