
Subject: IDL programmer wanted

Posted by sdetrick@gmail.com on Thu, 08 Feb 2007 02:54:50 GMT

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IDL Support Programmer

Summary: Tri Alpha Energy Inc. based in Orange County, California, is a small and unique company preparing to embark on the construction of a new project in the area of energy research. Advanced energy research and development have been conducted over an extended time period in association with local academia, national labs and an international consortium of technological institutions. The culmination of these efforts is the design and construction of a new facility with unique requirements. Experimental and computational physics groups independently support this project, and seek additional help for IDL-based processing of large data sets generated by simulation and experimental data acquisition. This opportunity is your chance to be a part of an exciting new undertaking in its early stages of development.

Required Skills: Experience in IDL event (widget) programming for GUI interfaces. 1D/2D direct graphics programming. Experience with large data bases in HDF5, MDS+, and other relevant formats. The ability to work independently as well as a member of a team is required.

Desired Skills: 3D IDL object graphics or programmatic use of iTools. Experience with C++ and fortran simulation codes. Familiarity with Windows and Linux operating systems. Demonstrated capability to provide programming support for scientific simulation projects and experimental data analysis. Independent algorithm development is a plus.

Education and Experience: A BS, MS or PhD in computer sciences or in a related physics or engineering discipline. Salary will be commensurate with experience.

Contact: Please forward your resume to jobs@trialphaenergy.com
