

JOB DESCRIPTION

Title: Geophysical Research Specialist

Location: Houston, Texas

Salary: Negotiable commensurate with experience

Reports to: Software Development Manager, GeoPRO™ Project

Job Description: Provide senior research, software programming and integration for a rapidly growing E&P technology company, including new software development, module integration into complex processing platforms, and alpha testing of modules.

Specific duties will include development of new seismic migration, noise suppression and tomography algorithms and implementation of these algorithms in a next-generation seismic processing system.

Primary Duties:

- Primary development of expert geophysical software kernels and modules
- Integration of new software modules into processing software platform
- Alpha testing of new software modules

Required Skills:

- PhD in Computer Science, Mathematics, Geophysics, Physics or related discipline
- Minimum of 3 years programming in C/C++ languages
- Minimum of 2 years programming XML and GUI interfaces and computer graphics
- Rudimentary language of Fortran 90/95 languages
- Experience with software revision control systems
- Skilled in both Windows, UNIX & LINUX operating systems
- Excellent verbal and written communication skills
- Highly motivated person with strong, personal initiative

Desirable Skills:

- 5 or more years programming in C/C++ languages
- 3 or more years programming XML and GUI interfaces and computer graphics
- 2 or more years programming in Fortran 90/95 languages
- 1 year or more of geophysical experience
- Experience with OpenGL software
- Knowledge of FlexLM software management system
- Expertise in PHP, ASP.net, JavaScript or similar web based scripting technologies.

- Familiarity with digital media including DLT, 3590, 3490, 3480 and 8mm tape and USB external drive and SEG data formats
- Experienced with PC & workstation environments, massive RAID storage and high-speed (Gigabit) data transmission & switching systems

Personal Characteristics:

- Able to communicate effectively
- Self-motivated
- Strong analytical and problem solving skills
- Willingness to learn

Apply via email to: bhuffman@fusiongeo.com

Apply via mail to: Beverly Huffman
Fusion Petroleum Technologies Inc.
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The Woodlands, TX 77381

No phone applications will be accepted.