The University of Texas at Austin Job Posting

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Research Engineering/ Scientist Associate IV - Product Development Engineer

Hiring department	[TACC](#)
Monthly salary	$5,833+ depending on qualifications
Hours per week	40.00 Standard from 800AM to 500PM
Posting number	15-05-06-01-4208
Job Status	Open
FLSA status	Exempt
Earliest Start Date	Immediately
Position Duration	Terminates on 12/31/2015
Position open to	all applicants
Location	Austin - J. J. Pickle Research Campus (North Austin)
Number of vacancies	1
General Notes	

This is a contracted position, tied to external funding. Current funding is secured through 12/31/2015, with possible future extension. There is no guarantee of continued employment beyond the ending date of the project.

Required Application Materials

- A Resume is required in order to apply
- A Letter of Interest is required in order to apply.
- A List of 3 References is required in order to apply.

Additional Information

Purpose
This position in the Scalable Visualization and Technologies group at the Texas Advanced Computing Center (TACC) will play a key role in designing, implementing and managing local and remote visualization applications and algorithms for TACC and the scientific supercomputing community.

Essential Functions
Developing visualization applications for the petroleum industry in conjunction with both TACC and partner personnel; Working onsite with partner team members to characterize and refine application features to meet partner requirements (May require travel to Houston); Collaborate with TACC and partner team members to expand and enhance application capabilities; Work well independently and as part of a collaborative team; Communicate effectively with colleagues and collaborators.

Marginal/Incidental functions
Other related functions as assigned.

Required qualifications
Ph.D. degree with major coursework in the field of assignment (Computer Sciences, Information Technology, Petroleum Engineering, Chemical Engineering, Mechanical Engineering) and two years of related experience or master's degree and four years of related experience, or bachelor's degree and six years of related experience; Demonstrated experience in developing and using applications for the petroleum industry, including familiarity with common algorithms and software packages; Experience designing, developing and maintaining software; Thorough knowledge of software design best practices including usability and maintenance issues; Self-motivated, with the ability to manage multiple tasks and meet deadlines, to organize work, set priorities and determine objectives and strategies to achieve them; Excellent communication skills and an interest in working in a collaborative team environment. Thorough knowledge of and experience with Office productivity tools including Word, Excel, and PowerPoint; Experience with Windows, Mac OS, Unix/Linux. Equivalent combination of relevant education and experience may be substituted as appropriate.

Preferred Qualifications
Six years of experience designing, developing and maintaining software, including lead responsibility for projects; Three years of experience designing, developing and maintaining visualization or graphics software; Knowledge of common development and scripting languages such as C/C++, Java, Python, Ruby, etc; software repository tools such as Git, SVN; project management tools such as Redmine, Jira, Trac.

Working conditions
May work around standard office conditions Repetitive use of a keyboard at a workstation

A criminal history background check will be required for finalist(s) under consideration for this position.

The retirement plan for this position is Teacher Retirement System of Texas (TRS), subject to the position being at least 20 hours per week and at least 135 days in length.

The University of Texas at Austin is an Equal Opportunity Employer with a commitment to diversity at all levels. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, age, disability or veteran status. (Compliant with the new VEVRAA and Section 503 Rules)

If hired, you will be required to complete the federal Employment Eligibility Verification form, I-9. You will be required to present acceptable and original **documents** to prove your identity and authorization to work in the United States. Documents need to be presented no later than the third day of employment. Failure to do so will result in loss of employment at the university.

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Comments to: **Human Resource Service Center** **U.T. Job Central**

For questions or concerns regarding equal opportunity only, contact **Equal Opportunity Services**

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For more job information, call the Human Resource Service Center at (512) 471-4772, or toll-free at (800) 687-4178.