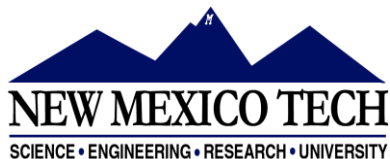


Posted: August 24, 2015



POSITION ANNOUNCEMENT

TITLE: STUDENT RESEARCH INTERN

DEPT: ICASA

REG

TEMP

FULL TIME

PART TIME

STARTING RATE or SALARY RANGE \$10.00 - \$35.00

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

INTERNAL POSTING THROUGH: May 21, 2015 CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

JOB DUTIES:

A Student Research Intern will assist in research development and administrative tasks. The student will conduct research in complex systems analysis, and in particular, contribute to the analytic process under development by ICASA. The student will assist in developing tools and techniques that support the modeling, simulation, and analysis of a variety of complex systems. The student will work in teams with peers and other technical staff at ICASA to develop theoretical and applied solutions to problems of interest. Other duties as assigned.

REQUIRED QUALIFICATIONS:

College level student enrolled in Mathematics, Computer Science/Engineering, Electrical Engineering, or closely related Field **OR** Bachelor's degree/Graduate Student required in Mathematics, Computer Science/Engineering, Electrical Engineering, or closely related field **OR** Master's degree/Ph.D student required in Mathematics, Computer Science/Engineering, Electrical Engineering, or closely related field. Experience using Matlab, Java and efficient design patterns desired. Experience using threading models (pthreads, java threads) desired. Experience in creation of responsive 2D/3D interfaces in OpenGL/WebGL desired. Familiarity with Java Server Faces desired. Basic working knowledge of Javascript and JQuery library desired. Proficiency in C, C++ programming languages, object oriented programming desired. Experience with Hudson or other continuous integration environment desired. Proficiency with both Unix and Windows environment desired. Proficiency with the Eclipse IDE desired. Experience with java web services environments (glassfish, tomcat, java server faces) desired. Familiarity with scripting environments (BASH, perl, python) desired. Familiarity with Ivy or other dependency management system desired. Initiative in both critical thinking, forward thinking, time and commitment to excellence desired. Experience in the modeling and simulation of large-scale critical infrastructure systems, such as computer networks, electric power grids, semantic-information networks desired. Outstanding communications skills desired. Incumbent must be a U.S. Citizen.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 074, Socorro, NM 87801-4796