REVISED 01/31/2014
POSITION ANNOUNCEMENT

TITLE: SOFTWARE ENGINEER (2)  DEPT: ICASA

REG ☑ TEMP ☐ FULL TIME ☑ PART TIME ☐

STARTING RATE or SALARY RANGE: $55,000 - $75,000

JOB DUTIES:
Develop, test, and implement code and function code developed by other ICASA research scientists. Assists research scientists from diverse backgrounds to turn out efficient, logical and well-documented code that fits within the ICASA coding framework. Implement software to meet the specific demands of the ICASA technical staff. Implement and maintain a software development environment and doctrine, implemented institute-wide, which enables industry best practices in software development for the institute. Participate in the analytic and scientific process to aid the innovation of ICASA technologies.

REQUIRED QUALIFICATIONS:
Bachelor’s degree required in Computer Science (CS) or related field with two to five years experience, Master’s degree in CS desired. Proficiency in C, C++ programming languages, object oriented programming required. Strong background in Java and efficient design patterns required. Experience in creation of responsive 2D/3D interfaces in OpenGL/WebGL desired. Familiarity with Java Server Faces desired. Basic working knowledge of Javascript and the JQuery library required. Experience with Hudson or other continuous integration environment desired. Experience using threading models (pthreads, java threads) required. Experience in GUI construction (swing, html) required. Experience using Matlab 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. US Citizenship required. Applicant must possess or be willing and able to obtain a Department of Defense TS/SCI security clearance, to include polygraph examination, within the first year of employment. Applicants should send a resume, transcripts and the names, email addresses and phone numbers of three employment references to: New Mexico Institute of Mining and Technology, 801 Leroy Pl., Human Resources Brown Hall Box 066, Socorro, NM 87801. E-mail applications NOT accepted.