Posted: <u>June 27, 2018</u>

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH • UNIVERSITY
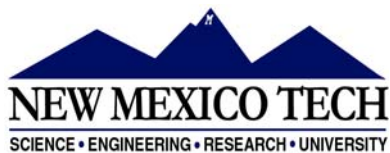
POSITION ANNOUNCEMENT

TITLE: <u>PROJECT SOFTWARE SCIENTIST</u>   **DEPT:** <u>MRO</u>

REG ☑   **TEMP** ☐   **FULL TIME** ☑   **PART TIME** ☐

STARTING RATE or SALARY RANGE: <u>Negotiable</u>
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: <u>Concurrent</u>* 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.

DESCRIPTION:
The Magdalena Ridge Observatory (MRO) is located in the Magdalena Mountains in Socorro County, New Mexico. MRO is built and operated by the New Mexico Institute of Mining and Technology (NMT), with offices located on the NMT campus in Socorro, NM. MRO consists of two major facilities, an operational 2.4-meter fast-tracking telescope, and the Magdalena Ridge Observatory Interferometer (MROI), a ten-element optical/infrared interferometer which is under construction. MROI is currently seeking to fill a Project Software Scientist position.

JOB DUTIES:
This position joins that of the Project Scientist and the Project Engineer as a member of the core group guiding the scientific and engineering development of the Magdalena Ridge Observatory Interferometer (MROI). This position will 1) Set and maintain long term goals for the project software and develop the path to those goals. 2) Organize and administer the software team. 3) Implement and manage the workflow pipeline, keeping up to date with, and ensuring, best practices. It is expected that the Project Software Scientist will represent the MROI software project to, and liaise with, the software and scientific profession at large.

REQUIRED QUALIFICATIONS:
Bachelor's Degree required; area of study, Computer Science. Computer Systems required. Knowledge of Real time programming desired. Knowledge of Distributed systems required. Software QA processes required. Experience in management of software development and operations for an interferometer (preferably optical) or large scale telescope/observatory is required.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall, Box 076, Socorro, NM 87801-4796