

## **Scientist (1 position)**

**Rapiscan Laboratories Inc.** is seeking a Scientist to support experimental programs for developing nuclear and photon-based, non-intrusive inspection systems.

The candidate should possess a general understanding of various topics in nuclear engineering; including, understanding sources of gamma-rays and neutrons, shielding properties of different materials, handling of radioactive materials and other sources of radiation, experience using nuclear instrumentation (oscilloscopes, amplifiers, detectors, histogramming electronics), and experience in using radiation monitoring devices. He/she should possess experience in experimental laboratory procedures and data analysis techniques. Good writing and communication skills are desired. Immaculate record keeping and organizational skills are desired. Candidate must have a general knowledge of analysis techniques employed by computer software (i.e. Excel spreadsheets). Occasional travel is required. This position is open to candidates with BS / MS / Ph.D degrees in Nuclear Physics or Nuclear Engineering. Experience and knowledge in the technical areas stated above should be more thorough for advanced degree candidates.

Rapiscan Systems Laboratories is a leading innovator and developer of next generation technologies and products in the field of security inspection and is primarily focused on government sponsored research and development contracts. The lab develops and manufactures material-specific inspection systems that are based on its patented TNA® (thermal neutron analysis) and PFNA™ (pulsed fast neutron analysis) technologies. The facility is located in Sunnyvale, CA

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