



APPLIED SCIENCE & TECHNOLOGY

Year-Round Graduate Intern: Software Development / Engineering

Senspex is seeking an MIS or Computer Science graduate student from UNM for an exciting year-round internship opportunity in Albuquerque, New Mexico.

In this role, you will be responsible for analyzing requirements, developing specifications, writing, testing, and implementing scripts/tools and automation suites that support Senspex products and services. We are looking for a proactive, flexible team player who will gain experience in working across multiple teams and functions within our technology and engineering departments. You will be interacting with our Chief Technology Officer, Engineers and Technologists who possess a diverse set of skills ranging from research and product development to camera installations. Successful candidates will have an interest in the Software Development and Engineering discipline along with strong problem-solving and communication skills.

Join the Senspex team and you will gain real-world experience that will build your resume and open more opportunities for future employment.

Responsibilities:

- Design, code, test, debug, and maintain software programs that support thermal imaging and video camera systems, including electro-mechanical switching mechanisms, video processing, and environmental sensing devices
- Creation, maintenance, and evaluation of automation software, particularly video centric and user interface applications
- Installs, configures, and tests new and existing software that converts device data into user-friendly outputs and easily consumed graphical and numerical formats
- Utilizes and incorporates embedded systems when necessary for the product application
- Implements algorithms for general and extended use in C++ \ Object-Oriented, embedded Linux toolkits and/or libraries
- Documents, scripts, processes, software revisions, and operator training materials
- Performs software quality assurance, including verification and validation testing
- Complies with federal, state, and company policies, procedures, and regulations
- Supports engineering team and Chief Technology Officer (CTO) with special projects as needed

Required Qualifications:

- Bachelor's degree in a computer or system science discipline, and currently attending and enrolled in an accredited graduate program in Management Information Systems, Computer Science, or other relevant field of study
- Able to work up to 25 hours per week during the academic year, and up to 40 hours per week during the summer
- Knowledge, education and training in system analysis, system design, software design, software development and implementation, and software testing
- Working knowledge and demonstrated experience in one or more of the following: C/C++, C#, Java, Python, XML, Unix/Linux/Windows Admin, and embedded software development
- U.S. Citizenship

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Other Requirements:

- Must be able to successfully pass a pre-employment background and drug test.
- National security clearance requirement: This position may require obtaining a U.S. DoD security clearance. Candidate must have the ability to obtain and maintain a security clearance in order to work on projects/programs which requires U.S. citizenship.
- Certain activities of this position may be subject to Export Control Laws, including but not limited to U.S. State Department regulations at 22 C.F.R. Subchapter M, U.S. Department of Energy regulations found in 10 C.F.R. Part 810, the U.S. Nuclear Regulatory Commission regulations in 10 C.F.R. Part 110, and the U.S. Department of Commerce's Export Administration Regulations found in 15 C.F.R. Part 730 et seq., as may be amended.

Apply today and take the next step towards launching your career to new heights! To apply for this position, send your **cover letter, resume and employment application to hr@senspex.com. Please indicate the specific position when applying. If your resume is selected for consideration, you will participate in an in-person interview process which may include an initial phone interview.**

EEO Statement: Senspex is fully committed to Equal Employment Opportunity and to attracting, retaining, developing, and promoting the most qualified employees without regard to their race, gender, color, religion, sexual orientation, national origin, age, physical or mental disability, citizenship status, veteran status, or any other characteristic prohibited by federal, state, or local law. We are dedicated to providing a work environment free from discrimination and harassment, and where employees are treated with dignity and respect.

Senspex invites you to review the [Equal Employment Opportunity posters](#) which include EEO is the Law, EEO is the Law Poster Supplement, and Pay Transparency Nondiscrimination Provision.

*SENSPEX RESERVES THE RIGHT TO MODIFY, INTERPRET, OR APPLY THIS JOB DESCRIPTION IN ANY WAY THE COMPANY DESIRES. THIS JOB DESCRIPTION IN NO WAY IMPLIES THAT THESE ARE THE ONLY DUTIES, INCLUDING ESSENTIAL DUTIES, TO BE PERFORMED BY THE EMPLOYEE OCCUPYING THIS POSITION. *THIS JOB DESCRIPTION IS NOT AN EMPLOYMENT CONTRACT, IMPLIED OR OTHERWISE. THE EMPLOYMENT RELATIONSHIP REMAINS "AT-WILL."* THE AFOREMENTIONED JOB REQUIREMENTS ARE SUBJECT TO CHANGE TO REASONABLY ACCOMMODATE QUALIFIED DISABLED INDIVIDUALS.*