



Job Title: Senior Software Engineer

Akrion Systems LLC is looking for a Senior Software Engineer with experience programming Steag/AWP Wet Processing Equipment to join our team. This is a home-based position.

Job Summary: Senior Software Engineer is responsible for analyzing, designing, developing, troubleshooting and debugging of software programs. Architects software for real time hardware control, data acquisition, data analysis and human interfaces. Develops software specifications in accordance with PACE and ISO9000 standards. Works on problems of diverse scope where analysis of data requires identification of factors. Exercises judgment within broadly defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results.

Work Performed:

- Handles requests for modifications to existing software from internal or external sources.
- Performs problem diagnosis, solution planning, implementation, troubleshooting and verification.
- Creates software modification design, logic changes and applicable coding.
- Conducts design reviews, and creates appropriate documentation.
- Performs input/output simulation as required.
- Standardizes problem fixes into current software releases and revisions.
- Handles requests for new features to existing software from internal or external sources.
- Performs needs analysis, solution planning, implementation and verification. Incorporates new features into current standard software products and applications as required.
- Aids departmental manager in setting development direction new software tools and methods from internal or external sources.
- Performs and documents needs analysis, market survey.
- Provides solution proposal and recommendation.
- Some travel required

Requirements:

- Experience programming **Steag/AWP Wet Processing Equipment** is an essential requirement
- Proficient with object oriented or structured programming techniques and a working knowledge of software machine control, preferably in the field of industrial automation.
- Experience with the many methods of interfacing external systems to a software platform such as RS-232 and Ethernet Sockets, Industrial I/O and various protocols used for the exchange of information with external enterprise software
- Familiarity with various local and remote Database technologies is desirable
- Possess excellent problem solving, technical writing and verbal communication skills.
- Ability to prioritize and execute multiple projects with minimal supervision
- Be capable of high level business dialog to interact with all organizational levels and external customers.

Employment Type:

Home-based. Will accommodate any type of working arrangement: Full time, Part time or Contract

We offer Competitive Compensation and Benefits Package including:

- Medical
- Dental
- Vision
- Employer Paid Life
- Disability (STD and LTD)
- 401K
- Paid Time Off (PTO)
- Flexible Spending Account