Ridgetop Group, Inc.
3580 West Ina Road
Tucson, AZ 85741

Phone: (520) 742-3300
Fax: (520) 544-3180
www.RidgetopGroup.com

Senior Software Engineer Job Description

Ridgetop Group seeks a Senior Software Engineer to lead the research and development of its foundation Prognostics Health Management (PHM) application, Sentinel Network™, at its headquarters in Tucson, Arizona. Potential applications include sophisticated fault tree analysis, advanced image manipulation, and embedded SNMP subagent deployment. This position requires involvement in all phases of the product development lifecycle, including requirements, design, validation, documentation, release, and maintenance.

Responsibilities

- Participate in research, identification, evaluation, and development of PHM software systems
- Analyze, design, program, and debug software used in local, networked, and Internet-related environments
- Support process improvement activities both within the department and company-wide
- Work both independently and in a team environment, with the opportunity to provide technical leadership to other members of the engineering team
- Create and/or modify specification documents detailing system design and enhancements to meet marketing requirements
- Collaborate with others in the creation of technical reports, whitepapers, and user documentation
- Provide on-going client support and maintenance

Requirements

- ECE or CS degree with at least 5 years of software engineering experience
- Demonstrated team leadership with successful product launch history
- Experience with relational databases and ability to write complex SQL
- Expertise in networking and TCP/IP protocol
- Strong Flash/PHP programming skills and GUI design
- Use of integrated development environments such as Flash Builder
- Use of source control management tools such as Subversion
- Microsoft/Linux/UNIX system administration experience
- Strong communication skills, both written and verbal
- Ability to rapidly grasp technical concepts and solutions
- High level of personal drive and self-motivation
- Commitment to continuous improvement
- Embedded systems design and firmware development experience is desirable
- Prognostics industry knowledge is a plus, particularly with OSA-CBM methodologies

- Some travel may be required for this position
- **Due to the nature of the projects we work on, US citizenship or legal permanent US residency status is <u>mandatory</u>.**

Job Terms
This is a full-time (40-hours per week) position on-site in Tucson, Arizona.

Ridgetop offers significant growth opportunities, competitive compensation and benefits package, including stock options, medical, dental and disability insurance, tuition reimbursement, and an Employer-matched retirement plan.

Ridgetop Group, Inc. is an equal opportunity employer.

To apply for this position, please send your resume, references, and cover letter with salary expectations to: jobs@ridgetop-group.com.