



Ridgetop Group Inc.
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Tucson, Arizona 85704
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Senior Software Engineer

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. This position requires involvement in all phases of the product development lifecycle, including requirements, design, validation, deployment, documentation, 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
- Use of software engineering best practices and open-source Java projects
- Modification and reuse of existing code for software enhancements
- 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 ability, including strong time management, task prioritization, and interpersonal skills
- Understanding and application of OOD, DDD, ORM and related software design concepts
- Experience with relational and object-relational databases and ability to write complex SQL
- Expertise in networking and TCP/IP protocol
- Strong Java/Ajax/Flash programming skills and GUI design
- Use of integrated development environments such as Eclipse
- Use of source control management tools such as Subversion
- Microsoft/Linux/UNIX system administration experience
- Familiarity with Agile software development methodologies
- Understanding of application of design patterns to software development
- Strong communication skills, both written and verbal
- Ability to multi-task and work independently as well as part of a team
- 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 highly desirable.

JOB TERMS

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

COMPENSATION

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

Ridgetop Group, Inc. is an Equal Opportunity Employer.