Software Engineer using Java

Seattle, WA

Environmental monitoring systems manufacturer needs a well-qualified individual to manage existing software related to sensor data collection and processing, reporting, and weather algorithm computations. Additionally, this role interacts on a regular basis with other application software developers and in a technical support manner with department engineers and management on a wide variety of technical tasks.

Job Responsibilities

Join the team working on Intercept software, the application software that is used for all of Coastal products. Software functions include data interfaces into and out of Intercept, reading sensor data, data storage and processing, domain specific algorithms and reports, services in support of the User Interface. All team members work on enhancements as well as support of existing customers.

The ideal candidate would have experience with data quality issues and be interested in learning enough about the data presented in Intercept to be part of the interdisciplinary quality assurance team.

Team members are expected to create functional specifications in conjunction with other teams within Coastal, assess new feature requirements, and architect solutions as required. Work with UI programmers to implement delivery of the data required in a customized user interface. Work with applications software team to develop and coordinate overall software architecture. Work with hardware team to integrate new sensors and develop new solutions and products. Work with production and service to do factory acceptance testing, diagnose issues in the field, and create solutions that are simple to configure. Document all code thoroughly and help create documentation for custom features.

In addition to Intercept, team members also work on data simulation tools, configuration tools, and evaluation of security requirements for the products.

Job Qualifications:

- BSCS or equivalent
- 5+ years of experience writing JAVA minimum
- System software architecture capability
- High capability to sustain and modify existing code base in JAVA
- Windows and Linux environment
- Experience developing or managing a build and release process
- High-level skills in object oriented languages
- Experience with Perl
- Good communication skills

Pluses:

- Experience with Agile programming methodologies
- Experience with source code repositories (such as Subversion)
- Unit and automated testing
- Experience with sensors (data and drivers)
- Experience with algorithms
- Experience with Cassandra

Local candidates only.

EEO/AA/M/F/Vets/Disabled