actenum

What would you do in this role?

You are a software R&D engineer who is motivated to work on building a platform that other developers can use. You will be part of a "core team" that is responsible for maintaining and developing new features for an innovative Java-based scheduling and optimization platform.

Your responsibilities will include research, development, and implementation of algorithms, as well as writing high performance Java code to support Actenum's interactive scheduling applications. You will coordinate with the development team working on different layers of the applications. A commitment to collaborative problem solving, sophisticated design, and a quality product is required to be successful in this role.

What would be expected of you in this role?

To be successful, you will need to fit into a small company environment, and be able to take on challenges that are not found in more structured organizations. You must also be a proactive and independent thinker, able to take ownership of tasks with little supervision. Your responsibilities will include:

- Maintaining and developing new features for our existing Java-based scheduling and optimization platform
- Scheduling and optimization algorithm requirements definition, specification, and design
- Implementation of algorithm designs in Java
- Software performance

What skills and experience do you need?

- Advanced Java or similar programming language skills
- Strong background in mathematics, algorithms, and computation
- Experience with mathematical modeling
- Practical experience developing high performance code
- Knowledge of optimization techniques and algorithms (including Stochastic Local Search)
- Java/Swing or other desktop UI (visualization) experience a bonus
- Advanced (graduate) degree in Mathematics or Computing Science preferred

This position is based at our headquarters in Vancouver, BC., but there is flexibility to work from a remote location.

Why work for Actenum?

- You'll work on innovative products that provide high value to our customers

About Actenum Corporation

Actenum Corporation develops advanced software for scheduling upstream operations.

Our products create shareholder value for our customers by increasing operational efficiency, reducing cycle times, and improving collaboration within project teams. And we combine deep knowledge of optimization and upstream scheduling best practices to provide tangible improvements to drilling program productivity.

We offer a challenging and dynamic environment where you can bring your skills and experience to bear on important issues facing major oil & gas organizations. We put a premium on delivering innovative and quality solutions, while having fun doing it.

www.actenum.com

- We have a casual and flexible work environment
- You'll enjoy the benefits and opportunities of working at a long-established, smaller company, without the risks and high-pressure of a start-up
- You'll be a member of a highly collaborative team, with numerous team lunches and outings

Contact us

If you are interested in this position and believe that you possess the required skills and experience outlined above, please send a copy of your resume, together with a covering letter describing your goals and interests, to: info@actenum.com.

Please note that we carefully review each application that we receive, but we will only contact you if we would like to interview you.