

An exciting opportunity in scientific software development

As a not-for-profit company and educational charity, Lhasa Limited, has a well deserved reputation for collaboration and knowledge sharing.

Its world-leading Derek Nexus and Meteor products are becoming industry standards for toxicity and metabolism prediction within the pharmaceutical, chemical, agrochemical and personal care markets.

Lhasa Limited also has Vitic Nexus, a high quality, structure-searchable toxicology database system that can be used to develop predictive toxicology models and to facilitate data sharing, as demonstrated in several on-going collaborative research projects.

Senior Software Developer To £39,305 + 34 Days Holiday + Generous Pension

Lhasa Limited is a vibrant organisation, employing highly skilled people. Many Lhasa Limited employees are graduate and PhD scientists, working alongside experts in software development, management, sales, marketing and account management. Lhasa Limited is deservedly proud of the benefits offered to employees that include 34 days annual leave (plus statutory holidays) and a generous pension scheme.

There is currently a vacancy for somebody with a degree or equivalent in computer science or chemistry and programming experience with Java, including the use of Eclipse RCP, JUnit, SVN, Hibernate, Hudson and Ant, to join the enthusiastic Software Development Team.

Salary will be in the range of **£31,010 - £39,305** p.a. plus benefits, depending on qualifications and relevant experience.

Job reference number: LL/01/12

For further information on Lhasa Limited and to obtain an application pack, please visit <http://www.lhasalimited.org>

Contact Us

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Senior Software Developer (Grade 7)

Job Description

Fundamental Purpose of the Job

To design and implement applications within the Life Sciences domain.

The Senior Software Developer will work in small teams to create and maintain the next generation of Lhasa's market leading and internationally respected software products.

Job Summary

Program Design

□ Undertake the design of components. Some components must interact with existing programs, including components from developers outside Lhasa Limited, and interfaces between all the components must be defined.

Program Development

- Build and test standalone interfaces to the system including its connection to an underlying database.
- Demonstrate software to user representative and other project stakeholders.
- Help to write and maintain unit tests to ensure the quality of the development.

Documentation

□ Maintain a high standard of documentation by generating and maintaining documentation for computer programs that will be used by other developers and also by submitting any necessary written reports.

Other Duties

- Liaise closely with other project team members.
- Demonstrate and test software as necessary.
- Undertake other software development project related tasks which may be reasonably expected.

Relationships

- The Senior Software Developer will report to their assigned Line Manager.
- The Senior Software Developer will work on assigned project teams.

Work Planning

□ The Senior Software Developer will be responsible for their day-to-day work planning against objectives agreed with their Line Manager and Project Leader.

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Person Specification

Education and Qualifications

Educated to degree level or equivalent in a relevant discipline such as computer science	Essential
Professionally qualified in software specification and design	Desirable

Knowledge and Skills

Excellent interpersonal and communication skills	Essential
Excellent organizational skills	Essential
Knowledge of software product design	Desirable

Abilities

Ability to adapt designs and specifications to changing circumstances	Essential
Able to determine appropriate methods of implementation for a design	Essential
Able to meet deadlines under pressure	Essential
Able to work in a team environment	Essential

Experience

Experience of programming using Java in a Windows environment	Essential
Designing and implementing Eclipse RCP/SWT user interfaces for standalone applications	Essential
Design and development of server-side components and applications	Essential
Writing unit tests using JUnit	Essential
Subversion, CVS or other code repositories	Essential
Programming interaction with databases using a Java persistency framework such as Hibernate	Desirable
Continuous Integration methods of building and testing software e.g. using Hudson & Ant	Desirable
Full software product development project lifecycle	Desirable

Personal Characteristics

Able to take responsibility for, and plan, own work	Essential
Willing to take on additional responsibilities to ensure the successful outcome of the project	Essential
Proactive and innovative	Essential
Conscientious and thorough	Essential