

Software Engineer (JAVA developer)

(Job Code: JAVA-HG)

Duties and Responsibilities:

We are seeking highly motivated individuals interested in developing bioinformatics software for drug discovery. This position is focused on developing novel software to visualize and analyze the protein networks involved in regulating the homeostasis of the proteome. The scientists at our company are investigating the changes of such networks in diseases and upon drug treatment. High-throughput biological datasets such as microarray data, protein-protein interaction data, RNAi data will be integrated into the software. This developer will be part of a bioinformatics team working closely with cross-discipline teams including biology, pharmacology, and medicinal chemistry.

Qualifications:

Bachelor or Master of Science in computer science, computer engineering, electrical engineering or a related subject. Minimum of 5 years of software development experience in Java, with past 2 or more years in web related application development, preferably user facing web applications.

Competencies

- Extensive software engineering experience using Java in Linux/Unix environment
- Proficiency in relational databases (SQL).
- Experience with web technologies including Tomcat, Apache, HTTP, web service architectures
- Experience with developing server-side components for web-based applications
- Experience with the latest open source Java technologies
- Able to work in rapid 2-3 week development cycles
- Familiarity with high-throughput biological data is a plus.
- Being able to develop software independently based on input from biologists.
- Self-starting problem solver.
- A quick and eager learner who stays on top of fast moving internet technologies.
- Good communication and personal skills: ability to interact and work well with members of other functional groups in a project team and a strong sense of project ownership.