

Bioinformatics Developer

(Job Code: BD-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. At least 3 years of working experience in bioinformatics software development in biotech/pharmaceutical industry or academic institutions is required.

Competencies :

- Strong programming skills in Java, Perl, and Python.
- 3 or more years of experience in software development.
- Proficiency in relational databases (SQL).
- Familiarity with R, matlab, or equivalent statistical software is a plus.
- Familiarity with large-scale biological data analysis is preferred.
- Being able to develop software independently based on input from biologists.
- Self-starting problem solver.
- A good team player.
- Excellent written and verbal communication skills.