University of Florida
Genetics Institute
IT Expert

This is a very autonomous position with minimal oversight. Requires a high level of technical competency and self-sufficiency.

Minimum requirement The job requires a BS in Computer Science or related discipline and an interest in Biology. Some formal training in statistics would be of benefit.

Preferred requirements: An M.S. degree in statistics/math/computer science. Direct experience in project management and supervision of other staff.

50% Programming - writing computer programs or modifying existing programs in Bioinformatics. Interfacing directly with faculty to build software tools that advance scientific research. Designing software and making sure software suits user needs. Learning subject matter at a sufficient level to ensure accurate results. For larger projects, coordinating software development teams, making task lists, supervising others efforts and ensuring integration of code modules from a variety of sources. In addition to the de novo software development, programming in SAS/Splus/R under the direction of senior statisticians will be a component of the job.

25% Problem Solving - Developing an understanding of faculty research programs and anticipating technological needs. Developing solutions both hardware/software and presenting competitive solutions to faculty. Understanding and anticipating changes in technology and how they impact the suite of tools developed and proactively testing and avoiding compatibility issues. Responding to user requests. Troubleshooting software and hardware.

15% Supervisory Teaching students how to troubleshoot problems and supervising student informatics projects. Developing realistic timelines and managing tasks of others to achieve deadlines.

10% New Technology Research - consulting with faculty to identify areas of need. Identifying solutions from a broad range of technological choices. Presenting cost/benefit analysis of alternate solution schemes to faculty.

For questions about this position contact: Dr. Lauren McIntyre mcintyre@ufl.edu to apply go to www.hr.ufl.edu/ select jobs and apply for TEAMS position number 035921