

The National Center for Genome Resources (NCGR), Santa Fe, New Mexico, is currently seeking a Software Engineer to assist with **bioinformatics analysis** and **software development** in support of its Genome Sequencing Center. Duties include:

- Executing existing bioinformatic programs for analysis of sequence data.
- Development of custom data extraction and analysis programs as driven by project needs.
- Contribute to development of existing software products and automation utilities.
- Coordinating with sequencing lab and informatics staff to handle multiple concurrent analysis projects.

REQUIREMENTS

- Bachelor of Science in Computer Science or equivalent experience.
- Java (JDBC, JSP, servlets, Swing or other GUI toolkit).
- Experience with multi-tiered web database applications.
- Experience with web and application servers (Apache, Tomcat).
- Experience with relational database systems including Sybase/MySQL or comparable. Working knowledge of SQL, JDBC and/or ODBC.
- Perl or other scripting language.
- Comfortable with Unix/Linux.
- Experience with version control system (CVS, Subversion).
- Must have the ability to multitask and learn quickly in a dynamic environment.

PREFERRED

- Bioinformatics experience, especially with commonly used analysis programs, toolkits and biological databases.
- Familiarity with Next Generation Sequencing technologies (e.g. Illumina Genome Analyzer II).
- Experience with distributed or cluster computing.
- Ruby on Rails.

This position reports to the Informatics Team Lead.

Established in 2007, the Genome Center is located at NCGR's headquarters in Santa Fe. The Genome Center currently features eight Illumina Genome Analyzer GIIs and substantial computational resources. The Genome Center provides sequencing of genome, transcriptome, microRNA, CHIP, DGE, and captured exons to collaborators world-wide.

NCGR offers competitive salaries commensurate with qualifications and experience, relocation assistance, and excellent benefits.

Please email your curriculum vitae to nam@ncgr.org.