

Bioinformatics Technician

Norgen Biotek is a leading Canadian biotechnology company focusing on sample preparation for research and diagnostic applications. Established in the Niagara Region in 1998, Norgen manufactures and sells products world-wide, as well as provides R&D and diagnostic services to the scientific community. Norgen is currently looking to recruit 1 Bioinformatics Technicians as outlined below.

Job Location: Thorold, Ontario, Canada

Working Hours: Monday to Friday, 9:00 to 5:30

General Duties

- Carry out standard operating procedures (SOP) involving bioinformatics techniques and record keeping techniques related to R&D
- Plan, organize and execute analysis under the guidance of the Senior Scientists
- Validation and implementation of various scripts and analysis tools used in bioinformatics analysis of NGS data
- Record keeping including but not limited to documenting results and minutes from meetings
- Assisting in bioinformatics unit organization
- Assisting in the maintenance and validation of equipment and maintaining associated records
- Assisting in the maintenance of a clean and safe laboratory environment
- Providing technical support to customers
- Other duties and responsibilities as required

Qualifications

- Degree in bioinformatics or related fields
- Skilled with Linux commands, installation of new tools, shell script, etc
- Skilled with programming languages in general, proficiencies in Python and R are required
- Experience with RNA-seq analysis pipeline, Tophat, Cufflinks, Star, DESeq, etc
- Experience with R programming and basic statistics: figure generating, statistical tests, regression models, etc
- Experience with GATK pipeline, somatic mutation (MuTect) calling is a plus
- Ability to explore new bioinformatics tools in Linux or Windows environment
- Skills in statistical analysis is a plus
- A positive attitude, discretion, good judgment, organizational or management ability, initiative, and the ability to work independently
- Must be motivated, willing to learn new skills
- Must exhibit excellent communication skills
- Ability to multi-task