UNIVERSITY OF TEXAS MEDICAL BRANCH
RESEARCH ASSOCIATE II
JOB DESCRIPTION

JOB SUMMARY:

Provide computational support to research staff.

MAJOR DUTIES/Critical TASKS:

- Under the direct supervision, performs routine, detailed tasks as prescribed by the assigned project.
- Perform computational experiments in both Linux and Windows environment providing detailed documentation.
- Testing newly developed pipelines.
- Create supplementary material for publications: text, tables, slides, images.
- Maintain up-to-date custom databases for the lab.
- Performs related duties as required.

REQUIRED EDUCATION / EXPERIENCE:

Master’s degree in computer science, computational biology, bioinformatics, or related field with 1 year experience, or Bachelor’s degree in similar fields with 2-3 years of experience.

SKILLS:

- Should have some experience in utility programming (C++, C Shell, Perl, BioPerl, Python or other languages) in a Linux environment.
- Experience working with Bioinformatics tools is recommended. Candidate should be aware of publicly available resources and applications such as GenBank, SRA, BLAST, and various de-novo Assemblers.
- Advanced Microsoft Office skills (Excel focus)
- Must be able to work well independently and demonstrate proficient problem solving, interpersonal, verbal, and written skills.
- Knowledge and/or experience with Next-Generation Sequencing technologies is a plus.

WORKING ENVIRONMENT:

Standard office environment.