BIOMEDICAL INFORMATICS DATA SCIENTIST  
(RESEARCH ENGINEERING/ SCIENTIST ASSOCIATE III)  
Texas Advanced Computing Center / University of Texas at Austin  
Job Posting: 14-03-25-01-4209

JOB DESCRIPTION
As a Biomedical Informatics Data Scientist with the Texas Advanced Computing Center, you will develop software and methods to explore, analyze, and visualize clinical and biological data sets including genomic, neuroimaging, and electronic health record data. You will participate in the design and execution of collaborative research studies in biomedical informatics, and you will be instrumental in bringing to fruition projects that deliver cutting-edge life sciences cyberinfrastructure to TACC's growing community of biomedical informatics users. Furthermore, you will consult with users on the application and usage of TACC's computational systems to help them accelerate their pace of discovery.

REQUIRED QUALIFICATIONS
The selected candidate must have the following minimum qualifications:

- Master's degree in biomedical engineering, computer science, applied mathematics, physics, biostatistics, epidemiology, neuroinformatics, or equivalent;
- Two years of experience in the field, with at least one year of experience conducting biomedical informatics research (academic, government, or industry);
- Demonstrable knowledge of at least one of the following languages: R, Python, or C/C++;
- Strong interest in biological sciences and technology and ability to rapidly adopt and adapt to leading edge technologies;
- Superior oral presentation and communications skills;
- Demonstrated ability to work independently under established deadlines and as part of a team;
- Equivalent combination of relevant education and experience may be substituted as appropriate.

PREFERRED QUALIFICATIONS
The following qualifications are strongly desired:

- PhD in biomedical engineering, computer science, applied mathematics, physics, biostatistics, epidemiology, neuroinformatics, or equivalent;
- 3+ years of work experience conducting biomedical informatics research (academic, government, or industry);
- One or more years of big data experience, with expertise in applied techniques in data mining, statistics, and machine learning;
- Substantial experience working in a Linux/UNIX command line environment;
- Demonstrated success in publishing computational science results;
- Extensive background in biostatistics;
- Solid understanding of database concepts and SQL;
- Experience with open source software development.
ABOUT TACC
The Texas Advanced Computing Center (TACC) at The University of Texas at Austin is one of the leading supercomputing centers in the world, supporting advances in computational science and engineering by thousands of researchers and students. TACC staff help researchers and educators use advanced computing, visualization, and storage technologies effectively, and conduct research and development to make these technologies more powerful, more reliable, and easier to use. TACC staff also educate and train the next generation of researchers, empowering them to make discoveries that advance knowledge and change the world. The Advanced Computing Interfaces group builds tools to enable computational scientists to more easily make the leap to discovery through intelligent interfaces to our high performance computing infrastructure.

INSTRUCTIONS TO APPLICANTS
The University of Texas at Austin is an Equal Opportunity/Affirmative Action Employer committed to diversity. Working conditions include exposure to standard office conditions including repetitive use of a keyboard at a workstation. This position is security sensitive; conviction verification conducted on applicant selected.

Application requirements: go to https://utdirect.utexas.edu/apps/hr/jobs/ for complete job description and follow instructions to apply for job number 14-03-25-01-4209 using your online resume. For additional information about this position, please contact Katie Cohen at jobs@tacc.utexas.edu.