Job Opening:
Computer Programmer 1

Job Description
Dartmouth Medical School and the Norris Cotton Cancer Center seek applicants for a computer programmer. The successful candidate will develop and implement programmatic workflows for a modern mass spectrometry-based proteomics research laboratory, including web interfaces for parallel computer-based spectral matching programs, web-based data browsing and results reporting tools, LC-MS data analysis and visualization tools, and integration of information display with database-based results management.

Proteomics research at the Norris Cotton Cancer Center includes developing and implementing novel mass spectrometry-based methods to improve our understanding of lung cancer, as well as to discover early signaling events in tumorigenesis that may serve as early diagnostic indicators of disease. Programming support for these topics is a critical component of successfully achieving our research goals.

Key Accountabilities
- Develops new tools for proteomics workflows
- Writes or adapts programs for laboratory use
- Works in a team environment with faculty, staff, students and postdoctoral fellows, as well as system administrators, statisticians, and others associated with proteomics workflows
- Participates in experimentation, data analysis and interpretation of proteomics datasets
- Participates in a dynamic team environment of group education, assists with manuscripts, and general contributions to further knowledge within the group and Medical School

Job Requirements
- Operational expertise in Linux/UNIX/Windows environments
- Skilled in PHP/cgi, Perl, and other languages involved in web interface creation.
- Familiarity with C/C++ is desirable
- Ability to work independently and apply critical thinking skills and novel programming solutions to problems
- Excellent interpersonal skills and willingness to work as a team member
- 1 – 2 years of programming experience
- Bachelor’s degree (or equivalent) in Computer Science or related discipline

Point-of-Contact
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