

The Theoretical Chemistry Group in the Department of Chemistry at Duke University is soliciting applications for a High Performance Computing Systems Administrator. This employee will develop, deploy and maintain high performance computing clusters for several research groups as well as recommend, install, maintain, train and provide help-desk style assistance with software, mainly in the groups of Profs. Beratan and Yang. Importantly, this employee will participate in research activities in the Theoretical Chemistry Groups.

Education: Ph.D. or an equivalent combination of relevant education and experience is required with a strong preference for a graduate degree in the natural sciences, or in a technical field.

Experience: Five years of experience in Linux administration, preferably RHEL or a derivative administration of Linux systems in an HPC/clustered environment; Linux/Windows/OS X interoperability; building, packaging, using, and supporting diverse computational chemistry software.

Requirements: Programming skills in shell, Python, Perl or equivalent; skills organizing and planning multi-year replacement cycles of hardware and software; strong communication skills and the ability and desire to work with a diverse group of individuals, including students, staff and faculty on problem solving using state of art computation.

Please submit a cover letter, C.V., a statement of interests and the contact information for at least 3 references via email and in PDF format (only PDF format will be accepted) to Trish McMillan (trish.mcmillan at duke.edu). Applicants must also apply through the Duke University Human Resources site at: <http://www.hr.duke.edu/jobs/apply/index.php>. Please apply to requisition number 400855390.

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