

# CU-Boulder Job Posting Template

## For Officer/Exempt Professional Positions

*All job announcements must be approved by Employment Services prior to posting.*

### University of Colorado Boulder Senior Storage Engineer Research Computing Group Position # 701215

**Position Description:** The Research Computing Group has an opening for a full-time **Senior Storage Engineer**. The Research Computing Storage Administrator will be a key member of the University of Colorado Research Computing team focused on implementation and support of large scale storage systems across multiple vendor and media platforms in an emerging environment. This includes not only (a) large scale, modular storage array products for both disk and tape, both hardware and software, but also (b) storage networking technologies such as Fiber Channel, Infiniband, or 10 Gigabit Ethernet.

#### **Job Responsibilities:**

- Assist faculty and researchers through consultations, in the use of storage technologies and to help match customers to the best storage tier based on data size, usage patterns, etc.
- Deploying, administering and maintaining multiple large scale storage systems, including vendor and/or third party storage software.
- Proactive daily monitoring and health checks of storage subsystems and storage networking infrastructure.
- Tuning storage components to ensure optimal reliability, performance and customer amenity.
- Maintaining and/or creating documentation in support of large scale storage array infrastructure.

#### **Required Qualifications:**

- Bachelor's Degree in Computer Science or Computer Engineering or related field and 3 years of experience in large scale storage administration, including both disk and tape or an equivalent combination of education and job-related experience.
- Knowledge of and skills with multi-vendor solutions and solutions from multiple vendors.
- Knowledge of and skills with data migration among heterogeneous arrays.
- Ability to troubleshoot and perform root-cause analysis of storage issues across various storage networking fabrics as well as within multiple vendor storage platforms.
- Knowledge of and skills with storage management software technologies.
- Knowledge of and skills with storage administration under any Unix-like operating system.
- Strong communication skills, both written and oral.

#### **Desired Qualifications:**

- Knowledge of and skills with storage networking technologies in large scale heterogeneous storage environments.
- Advanced skill in administering parallel file system, e.g. Lustre, GPFS or Panasas.
- Advanced skills in storage array design and configuration.
- Advanced skills in both SAN and NAS environments
- Advanced knowledge and understanding of the LTO tape standard and related issues.
- Advanced knowledge of and skills with storage administration under Linux.
- Knowledge of and skills with Hierarchical Storage Management systems.
- Ability to work directly in person with customers who are researchers and/or educators.

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**Application Instructions:** Applications are accepted electronically at: [www.jobsatcu.com](http://www.jobsatcu.com), **posting #814639**, and must include:

- 1) A letter of application which specifically addresses the job requirements and outlines qualifications
- 2) A current CV/resume
- 3) The names, addresses, daytime telephone numbers and e-mail addresses for three professional references
- 4) Note: The final candidate will be required to provide proof of completed academic degree in the form of a transcript or diploma copy (include if a completed academic degree is a minimum requirement for the position)

**Application Deadline:** Applications received by 9/27/2011 will receive full consideration.

Questions may be directed to **Thomas.hauser@colorado.edu**

**Salary and Benefits:** Salary is competitive and commensurate with skills and experience. The University of Colorado offers a full benefits package. Information on benefits programs, including eligibility, is available at [www.cu.edu/pbs/](http://www.cu.edu/pbs/). For additional information about the University of Colorado at Boulder, go to: [www.colorado.edu/about/ataglance.html](http://www.colorado.edu/about/ataglance.html).

The University of Colorado at Boulder is committed to providing a safe and productive learning, living and working community. To achieve this goal, we conduct background investigations for all final applicants being considered for employment. Background investigations for this position include **Criminal History Background Check**.

The Immigration Reform and Control Act requires that verification of employment eligibility be documented for all new employees by the end of the third day of work.

The University of Colorado is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, persons with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting Employment Services at (303) 492-6475.