**Job Ad: Systems Architecture and Web Services Librarian**

The Arthur Lakes Library of the Colorado School of Mines invites applications for the position of Systems Architecture and Web Services Librarian. We are seeking a creative, tech-savvy professional who is not just enthralled with the wild world of library platforms, systems, and applications, but also deeply passionate about how to optimize them to perform as a cohesive, unified systems architecture and a fully integrated information environment. The successful candidate will also take the lead on advancing the Library’s web presence (<https://www.mines.edu/library/>), designing an engaging and effective experience for our users.

Working in a highly collaborative, small team environment, the candidate’s technical leadership responsibilities will intersect with many of the library’s key strategic initiatives. Come join our team as we build a great STEM research library at a world-class STEM research institution!

**Responsibilities**

The Systems Architecture and Web Services Librarian provides leadership for the design, development, implementation, documentation, policy development, assessment, and maintenance of the overall technical architecture of the Library’s multiple platforms and systems, to ensure a fully integrated information environment that optimally supports and advances the mission of the Library and the University: 

* Responsible for all phases of systems-level projects to implement, administer, configure, support, and document library systems.
* Leads the robust development, maintenance, and usability testing of the Library’s web presence.
* Serves as a key member of the Library’s collaborative technology team, working closely with the Systems Discovery Librarian to ensure systems integrate seamlessly with one another to support the effective storage, retrieval, and access to library resources.
* Serves as the primary library liaison to Computing, Communications, and Information Technologies (CCIT) staff, to a) ensure library information systems effectively interoperate with the University’s broader academic enterprise computing infrastructure, and b) assure functionality of hardware and software of public and staff computers, printers, and equipment in the Library.
* Engage directly with users to support their information needs.

The successful candidate will also participate as an active member of the Mines library faculty, serving on Library and university committees. As an academic library faculty member in a promotion track position, s/he will actively engage in and disseminate the output of scholarly research that advances library and information science and interact with the professional community on a regional, state, national and/or international level, both formally and informally.

**Required Qualifications**

**Experience**

* + Experience in library systems administration and familiarity with library-specific technology, software, standards, and protocols (e.g., library services platforms, link resolvers, proxy servers, VPNs, metadata harvesting standards, etc.)
* Experience with web authoring languages and content management systems (e.g., HTML, XML, XSL, WordPress, etc.)
* Experience with dynamic scripting languages and interfaces, (e.g., Perl, PHP, Java, APIs, etc.)
* Knowledge of best practices for user design
* Knowledge of multiple operating systems (e.g., Windows, Mac, UNIX, etc.), desktop and peripherals infrastructure, cloud and mobile environments
* Ability to work well in a wide range of project environments from independent initiatives to collaborative committee undertakings
* Excellent oral and written communication skills

**Education**

* + Master’s degree in Library and Information Science. Alternate educational qualifications may be considered in conjunction with requisite experience

**Preferred Qualifications** 

* Strong project management and organizational skills
* Ability to learn new technical skills quickly and independently, adapting to changing environments
* Ability to research issues, troubleshoot and solve problems

**About the Library**

The Arthur Lakes Library supports the information and educational needs of the Colorado School of Mines, primarily in science and engineering, and provides technical information to the regional community. The Library is staffed by 10 faculty librarians and 11 paraprofessionals. More information on the Library can be found at [https://www.mines.edu/library/about/#](https://www.mines.edu/library/about/)

**About the Colorado School of Mines**

Located in Golden, Colorado, at the foothills of the Rocky Mountains and just minutes away from downtown Denver, Mines is a nationally ranked public university with an enrollment of over 6,200 students in undergraduate and graduate degree programs in engineering, applied science and related disciplines.  Learn more at <https://www.mines.edu/about/>.

Mines is an Equal Opportunity/Affirmative Action employer and educator that recognizes that diversity is crucial to its pursuit of excellence in learning and research. Mines is committed to access, inclusion, and diversity. Mines is committed to developing student, faculty, and staff populations with differing perspectives, backgrounds, talents, and needs and to creating a richer mix of ideas, energizing and enlightening debates, deeper commitments, and a host of educational, research, and service outcomes. As such, Mines values candidates who have experience working in settings with individuals from diverse backgrounds. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply.

**Compensation**: Salary and benefits will be commensurate with qualifications and experience. Mines provides an attractive benefits package including fully paid health and dental insurance.  Part of Mines’ mission is to create a family-friendly environment supported through our dependent tuition benefits, parental leave benefits, and dependent care assistance plan, as well as in special events, camps, and programming.  For more information visit:  [http://family.mines.edu/](http://family.mines.edu/%E2%80%AF%E2%80%AF%E2%80%AF%E2%80%AF)

**How to Apply**:  Applicants must submit a letter of application and résumé addressing the position’s required and preferred qualifications; a 1-page statement on Contributions to Diversity and Inclusion describing your past experience and proposed activities to advance access, inclusion, and diversity at Mines; a copy of unofficial transcripts; and the names, contact information of three professional references to: Colorado School of Mines, Human Resources Office, Search493321 1500 Illinois Street, Golden, CO 80401, Fax: (303) 384-2025.

Official transcripts will be required as a condition of hire.  

Electronic applications are encouraged and will be accepted at [fsearch@mines.edu](mailto:fsearch@mines.edu).  If using this method of application, please put the search number as indicated above (in bold) in the subject line to ensure that your materials are properly forwarded to the search committee.

**Applications received by Wednesday, January 2, 2019, will receive first consideration.**