Info Systems Analyst - Data Access Support - 138224

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#138224 Info Systems Analyst - Data Access Support

Filing Deadline: Wed 2/11/2026

UC San Diego values and welcomes people from all backgrounds. If you are interested in being part of our team, possess the needed licensure and certifications, and feel that you have most of the qualifications and/or transferable skills for a job opening, we strongly encourage you to apply.

This is a 100% Contract position for 1 year with the possibility of extension or conversion to career status.

This positions will remain open until filled.

DESCRIPTION

The Mission of the San Diego Supercomputer Center is to translate innovation into practice. SDSC adopts and partners on innovations in industry and academia in the areas of software, hardware, computational and data sciences, and related areas, and translates them into cyberinfrastructure that solves practical problems across any and all scientific domains and societal endeavors. Cyberinfrastructure refers to an accessible, integrated network of high-performance computing, data, and networking resources and expertise, focused on accelerating scientific inquiry and discovery. With more than 250 employees and $30-50M of revenue a year, SDSC is a global leader in the design, development, and operations of cyberinfrastructure.

SDSC supports hundreds of multidisciplinary programs spanning a wide variety of domains, from earth sciences and biology to astrophysics, bioinformatics, and health IT. SDSC presently operates multiple large HPC systems ranging from a 120k x86 CPU core general purpose system to a system explicitly designed for Artificial Intelligence and Machine Learning, and a nationally distributed system open for all of academia to integrate with. SDSC offers research data services across the entire vertical stack from universally scalable storage to consulting services on FAIR, Big Data, and AI. SDSC offers a rich set of cloud services both on-premise, in the commercial cloud, and as hybrid services across both.

SDSC has three geographic scopes, a national scope supporting cyberinfrastructure for the entire US research and education community, a California scope with a special focus on convergence research that addresses the three dominant threats to CA: Drought, Fire,

Earthquakes, and a campus scope focusing on advancing the global impact of SDSC by advancing the research objectives of the UC San Diego faculty, researchers, and students. SDSC impacts researchers at scales from 1,000's to Millions. SDSC annually trains thousands of researchers in cyberinfrastructure tools and software, and supports thousands of individual researchers via Unix accounts on its large HPC systems. SDSC was a leader developing the Science Gateway concept, and continues to be a global leader in its evolution. SDSC operates multiple major such gateways with user communities ranging from the tens of thousands to the millions. SDSC's educational programs includes online courses that have been attended by more than a million students.

SDSC is committed to democratizing access to cyberinfrastructure across all of its geographic scopes. SDSC strives towards a culture that supports our employees to be their best, achieve their goals, and enjoy their lives, both professionally and personally.

The Center for Applied Internet Data Analysis (CAIDA) is an independent analysis and research group based at the University of California's San Diego Supercomputer Center. CAIDA investigates both practical and theoretical aspects of the Internet, with particular focus on topics that are macroscopic in nature and provide enhanced insight into the function of Internet infrastructure worldwide, improve the integrity of the field of Internet science as well as the integrity of operational Internet measurement and management, and inform science, technology, and communications public policies.

The incumbent will apply intermediate professional Information Systems concepts to support the reliable operation of CAIDA's dataset-access systems and related workflows. They will work within established procedures to help ensure that the applications and automated processes used to deliver scientific research datasets function consistently, are well-documented, and remain accessible to authorized users. Additionally, they will assist in resolving routine issues affecting workflow behavior, updating configuration and descriptor files, and running scheduled automation tasks that support scientific data-access operations. The incumbent will also maintain structured descriptor files and system-generated metadata associated with scientific dataset-access workflows, ensuring information required for dataset releases is kept current in accordance with established procedures.

The Information Systems Analyst will operate with moderate supervision, exercising judgment within defined practices to document system behaviors, update user-facing materials, and communicate procedural information to external users of scientific datasets. They will support account and credential management for dataset-access systems, responds to routine inquiries, and provides guidance on established access procedures while escalating complex issues as appropriate as well as contribute to the preparation and maintenance of clear documentation describing how scientific datasets are accessed, organized, access procedures, workflow behaviors, and resource availability.

In addition, the incumbent will assist with routine testing activities and provides feedback on system behavior during evaluations, and documentation updates that help maintain stable and well-understood data-access workflows. They will update scripts under guidance to automate recurring tasks or summarize workflow logs for internal reporting needs and maintain internal records of dataset-access activity generated by CAIDA's systems and helps ensure that information needed for project documentation is accurate and current. Additionally, they will collaborate with technical staff to report routine operational issues, suggest updates to documentation when recurring issues are observed, and support consistent operation of CAIDA's data-access applications and services.

For more information, please visit www.sdsc.edu and www.caida.org.

QUALIFICATIONS

- Bachelor's degree in related area and / or equivalent experience / training.
- Masters degree in related area and / or equivalent experience / training preferred.
- General knowledge of several areas of IT. Demonstrated ability to read, write, and adapt Python scripts. Familiarity with reading and modifying HTML, YAML, or XML markup files.
- Demonstrated ability to install software and troubleshoot and repair moderately complex problems with computing devices, peripherals and software. Understanding of system performance monitoring and actions that can be taken to improve or correct performance. Basic knowledge of incident response procedures. Demonstrated ability to follow software specifications.
- Knowledge of data management systems, practices and standards.
- Demonstrated understanding of how system management actions affect users and dependent / related functions.
- Demonstrated ability to write and modify basic shell scripts used in routine operational tasks in Linux operating systems, particularly Ubuntu.

SPECIAL CONDITIONS

Job offer is contingent upon satisfactory clearance based on Background Check results.

Pay Transparency Act

Annual Full Pay Range: $71,600 - $127,400 (will be prorated if the appointment percentage is less than 100%)

Hourly Equivalent: $34.29 - $61.02

Factors in determining the appropriate compensation for a role include experience, skills, knowledge, abilities, education, licensure and certifications, and other business and organizational needs. The Hiring Pay Scale referenced in the job posting is the budgeted

salary or hourly range that the University reasonably expects to pay for this position. The Annual Full Pay Range may be broader than what the University anticipates to pay for this position, based on internal equity, budget, and collective bargaining agreements (when applicable).

If employed by the University of California, you will be required to comply with our Policy on Vaccination Programs, which may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

To foster the best possible working and learning environment, UC San Diego strives to cultivate a rich and diverse environment, inclusive and supportive of all students, faculty, staff and visitors. For more information, please visit UC San Diego Principles of Community.

The University of California is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected status under state or federal law.

For the University of California's Anti-Discrimination Policy, please visit: https://policy.ucop.edu/doc/1001004/Anti-Discrimination

UC San Diego is a smoke and tobacco free environment. Please visit smokefree.ucsd.edu for more information.

Misconduct Disclosure Requirement: As a condition of employment, the final candidate who accepts an offer of employment will be required to disclose if they have been subject to any final administrative or judicial decisions within the last seven years determining that they committed any misconduct; or have filed an appeal of a finding of substantiated misconduct with a previous employer.

a. "Misconduct" means any violation of the policies governing employee conduct at the applicant's previous place of employment, including, but not limited to, violations of policies prohibiting sexual harassment, sexual assault, or other forms of harassment, or discrimination, as defined by the employer. For reference, below are UC's policies addressing some forms of misconduct:

- UC Sexual Violence and Sexual Harassment Policy
- UC Anti-Discrimination Policy
- Abusive Conduct in the Workplace

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, protected veteran status, gender identity or sexual orientation. For the complete University of California nondiscrimination and affirmative action policy see: http://www-hr.ucsd.edu/saa/nondiscr.html