



Job details

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Job Title	Information Technology Consultant - Expert
Classification	Information Technology Consultant -12-Expert
AutoReqId	9081BR
Department	IT- Infrastructure Services
Sub-Division	Information Technology
Salary Range	\$6,249 - \$10,857 per month
Appointment Type	Temporary
Time Base	Full-Time
Work Schedule	Monday - Friday, 8:00 AM - 5:00 PM; this is a temporary position to end on or before June 30, 2017 with a possibility of renewal on an annual basis if program needs exist.
Job Summary	<p>California State University, Fullerton is searching for an Information Technology Consultant - Expert. The successful candidate will work independently on complex problems and work assignments, interacting with students, faculty members, and staff in the Division of Information Technology. The successful candidate enjoys challenges and problem solving, is looking for growth, and enjoys working within a diverse field. The Information Technology Consultant - Expert should have a positive attitude, an active, energetic mind, and a leadership style that is characterized by highly ethical practices and a commitment to diversity, openness, flexibility, integrity, and kindness.</p> <p>The Information Technology Consultant - Expert oversees high-performance computing clusters supporting computation science and mathematics research. Administers and facilitates the high performance computing clusters (HPCCs) for the College of Natural Science and Mathematics while working alongside the Division of Information Technology. Installs and maintains OS and middleware software packages and libraries. Assists with hardware upgrades for the college. Support the monitoring of power, networking, storage, and compute resources. Troubleshoots, diagnoses, and isolates system failures. Responsible for creating documentation and providing technical support to faculty, staff, and management on the computing clusters. Other duties as assigned.</p>
Essential Qualifications	<p>Bachelor's degree from an accredited four-year college or university in Computer Science, Computer Information Systems, Information Systems, Telecommunications, Engineering, Engineering Technology or a related field and five years of relevant full-time experience. Twelve years of relevant full-time experience or an associate's degree from an accredited college or university in a related field and seven years of relevant full-time experience may be substituted for the previously listed education and experience requirement.</p> <p>Advanced knowledge of the work area demonstrated by an understanding and use of the advanced principles and theories. Ability to integrate and apply work related knowledge to achieve innovative solutions, anticipate the impact of problems and solutions on other systems, investigate and research new systems and technologies, and develop complex information technology systems and solutions. Ability to understand problems from a broad perspective. Ability to explore, conceive, and implement solutions and ideas in new ways. Ability to predict and anticipate problems and create proactive solutions. Demonstrated communication expertise using persuasion and negotiation. Demonstrated ability to work as a team member, lead technical team efforts, and assess skills within a team and work to build on individual strengths to maximize team results. Ability to teach and transfer knowledge and skills to other team members. Ability to recognize problems, identify possible causes, and refer to appropriate party for resolution. Ability to solve problems where precedents exist and to acquire knowledge necessary for performing job duties.</p> <p>A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.</p>
Preferred Qualifications	<p>Five or more years of experience working in HPCC system administration. Experience working in a university environment. Experience with Scientific Linux, CentOS or RHEL. Experience with Rocks cluster management and utilizing Torque/Maui. Experience with mathematical or statistical programming environments, such as Mathematica, MatLab, Maple, and R. Experience with Ext4, LVM, XFS, NFS, CIFS, ISCSI, SAN, NAS, and INML. Experience with C/C++ and scripting in Python, Perl, and Bash. Experience with cluster management software and environment modules. Experience with batch scheduling, RAID storage, and file systems.</p>

systems on HPCCs. Experience with version control systems such as svn or git. Knowledge and skills to administer Linux-based HPCC. Familiarity with SSH, MPI, and MySQL or other database management systems. Knowledge and skills to apply security patches and software updates for HPCCs. Possession of networking skills, such as Ethernet/Infiniband. Ability to integrate interfaces with systems. Familiarity with parallel/scientific computing algorithms, open source software, and big data analysis.

Special Working Conditions

California State University, Fullerton celebrates all forms of diversity and is deeply committed to fostering an inclusive environment within which students, staff, administrators and faculty thrive. Individuals interested in advancing the University's strategic diversity goals are strongly encouraged to apply. Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose.

Multiple positions may be hired from this recruitment based on the strength of the applicant pool.

If you are applying for a staff position, please note that you are not eligible to work concurrently in a staff position and an Academic Student position such as Graduate Assistant, Teaching Associate, Instructional Student Assistant or a Student Assistant position.

Regular attendance is considered an essential job function; the inability to meet attendance requirements may preclude the employee from retaining employment.

Employee/applicant who submits an application for a position may be required to successfully complete job related performance test(s) as part of the selection process.

Online application/resume must be received by electronic submission on the final filing date by 9:00 PM (Pacific Standard Time)/midnight (Eastern Standard Time). Applicants who fail to complete all sections of the online application form will be disqualified from consideration.

The person holding this position is considered a mandated reporter under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

California State University, Fullerton utilizes the E-Verify program and is not a sponsoring agency for staff or management positions (i.e. H1-B Visas).

Employment Preference

On-Campus CSUEU Employees

Application Deadline

20-Oct-2016

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