

Job Description

Job Title: EPSCoR Cyber Data Manager
Job ID: 11468
Project Name: UHH/EPSCR
Full/Part Time: Full-Time
Regular/Temporary: Regular

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Regular, Full-Time, RCUH Non-Civil Service position with the Experimental Program to Stimulate Competitive Research (EPSCoR), Hawaii Cyberinfrastructure Team, located at the University of Hawaii at Hilo, in Hilo, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws.

MINIMUM MONTHLY SALARY: Salary commensurate with qualifications.

DUTIES: Supports EPSCoR faculty and staff with data collection, acquisition, input, management, query, search, dissemination, protocols, standards and metadata population under the direction of the EPSCoR Cyber team. Creates new workflows for scientific data upload and storage functionality into customizable databases. This process includes, but is not limited to, uploading data from remote sensors or tabular data sheets, selecting appropriate data schemas and protocols, assisting with customizing data entry screens, and developing custom queries in a web environment. The candidate will work closely with EPSCoR scientists to ensure that their datasets are entered into a centralized repository. Both spatial and tabular datasets will be delivered to clients through a web interface that allows query, display and visualization.

PRIMARY QUALIFICATIONS: EDUCATION: Bachelor's Degree from an accredited four (4) year college or university in Natural Sciences, Geography, Biology and/or Computer Sciences.

EXPERIENCE: Two to three (2-3) years of experience in data and database management, sensor data collection and management, geodatabases, database customization and database programming. Experience with web based programming. Experience with both tabular and spatial datasets.

ABIL/KNOW/SKILLS: Strong data management skills, sensor data networks and geographic information systems. Familiarity with spatial datasets (raster and vector) and their management in relational databases. Ability to determine data requirements based on input from scientists, colleagues and collaborators. Good written and verbal communication skills. Strong data management and acquisition skills.

SECONDARY QUALIFICATIONS: Experience using SQL server, MySQL or POSTGRES. Ability to program with SQL. Working knowledge of one or more of the following languages: ASP.net, Visual Basic, VB.net, Java, JavaScript, VBScript, XML, XHTML, HTML, C++, C#, or Python. Experience with sensor data networks and related software such as Data Turbine. Familiarity with Geographic Information Systems: ArcGIS, ArcGIS Server, ArcSDE and developing web mapping service APIs. Understanding of user, web, and database security. Skill with designing and developing creative, user protocols that meets the needs of clients and adheres to data standards and protocols. Familiarity with UH Hilo's IT administration, policies, and capabilities.

INQUIRIES: Donna Delparte 933-2321 (Hawaii).

APPLICATION REQUIREMENTS: The preferred method of applying for a job is through our on-line application process. Please go to www.rcuh.com, click on "Employment" and navigate to "Job Announcements/Apply for a Job." However, if you do not have access to the Internet, you may apply by submitting resume; cover letter including Recruitment ID#, referral source, narrative of your qualifications for position and salary history; names, phone numbers and addresses of three

supervisory references and copy of degree(s)/transcripts/certificate(s) to qualify for position by fax (808) 956-5022, mail, or hand-deliver to: Director of Human Resources, Research Corporation of the University of Hawaii, 2530 Dole Street, Sakamaki Hall D-100, Honolulu, HI 96822 before the closing date. Online applications and faxed documents must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time). Mailed documents must be postmarked by the closing date. Hand-delivered documents must be received by our HR office by 4 P.M. Hawaii Standard Time/RCUH receipt time. If you have questions on the application process and/or need assistance, please call (808)956-3100.

EEO/AA Employer.

Please apply before 09/27/2011

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