Department of Atmospheric Sciences, University of Utah Salt Lake City, UT

Background

The MesoWest team is part of the Mountain Meteorology Group at the University of Utah. We have been conducting research and development for over fifteen years related to direct and remote sensors of environmental observations from below the ground through the boundary layer with funding from federal and state agencies and commercial firms. The MesoWest team also aggregates and archives publicly-accessible observations from many different mesonets around the country and disseminates those observations for operational, research, public, and educational applications. We are in the process of a major technical refresh, see http://mesowest.org for some of those initial steps.

Research Associate/Programmer Position
To apply, go to: https://utah.peopleadmin.com/postings/40714. Pay Rate Range: Salary commensurate with experience. Close Date: 05/15/2015

Help design, develop and implement software to enhance MesoWest's web-based products, data storage, and data mining capabilities. Other tasks include enhancing a new data API for geospatial scientific data, and to design and develop applications to facilitate large data acquisition and dissemination. Candidate must be self-driven, accountable under minimal supervision to reach project goals, and comfortable working in a research environment with other employees. *Minimum requirements:* Bachelors of science degree with computer programming experience related to solving scientific computing problems involving large data sets. Master's degree may be preferred. Familiarity with several (but not all) of the following is desirable: Python, relational databases (MySQL), API development and methodologies (mostly REST), Perl scripting, Javascript, HTML5/CSS3, AJAX designed web pages, mobile device support, and software version control. *Preferences*: work experience with scientific programming languages such as IDL, Matlab, or Python Numpy and Scipy; experience with parallel or multi-threaded applications.

The University of Utah is an Affirmative Action/Equal Opportunity employer and is committed to diversity in its workforce. In compliance with applicable federal and state laws, University of Utah policy of equal employment opportunity prohibits discrimination on the basis of race or ethnicity, religion, color, national origin, sex, age, sexual orientation, gender identity/expression, veteran's status, status as a qualified person with a disability, or genetic information. Individuals from historically underrepresented groups, such as minorities, women, qualified persons with disabilities, and protected veterans are strongly encouraged to apply. Veterans' preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law.
 For additional information send email to nola.lucke@utah.edu.