

WDSS-II Software Development Research Associate

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma currently is seeking a research associate to collaborate with scientists in the National Severe Storms Laboratory (NSSL) Radar Research and Development Division on the development, testing, and private sector adoption of Warning Decision Support System (WDSS-II) applications.

The duties of this position include:

- 1) Requirements analysis for new algorithms, tools, and capabilities that are needed in the WDSS-II platform
- 2) Development of new applications and techniques for the analysis of multi-radar, multi-sensor data;
- 3) Evaluation of existing products and applications, specifically focusing on the needs of licensed users of WDSS-II;
- 4) Acquire and apply expertise in severe local storms and the warning-decision-making process;
- 5) Attend meetings and professional conferences to present research results and interact with collaborators and users;
- 6) Review technical and professional publications and attend seminars to stay abreast of current developments in meteorological and remote sensing science.

The minimum qualifications for the position are:

- 1) A Masters Degree in Meteorology, Atmospheric Science, Geographic Information Systems, or related area;
- 2) Computer programming experience with C++, Java, and/or Python
- 3) Knowledge and understanding of commercial uses of radar products.

Applicants should identify expertise with any of the following areas: Software analysis; Scripting; Computer Programming; Visualization; Geographic Information Systems; Weather Radar. Good oral and written communication skills are needed for the position. Please indicate experience with Linux (or UNIX) operating systems and programming skills (including web-based and mobile applications).

Normal working hours will be observed except for occasional irregular hours during customer visits or workshops conducted at remote sites. Incumbents will receive training and gain expertise in the latest radar and other remote sensing technology and warning decision-making.

General supervision will be provided by the CIMMS leadership. Technical oversight will be provided by CIMMS staff, NSSL scientists, and NSSL management. Appointee will work under general supervision but is expected to determine action to be taken in handling all but unusual situations. Incumbent in this position is not expected to supervise other employees, but may serve as a leader of technical teams.

The beginning salary will be dependent on experience, with University of Oklahoma benefits. Information on benefits may be found at <http://www.hr.ou.edu/employment/WorkingatOU.asp>. The position is expected to begin July 2014.

To apply for the position, please forward your resume, cover letter and list of three references to:

Tracy Reinke
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JOB REFERENCE: WDSS-II

The University of Oklahoma is an equal opportunity/Affirmative Action employer.