



## ***JOB ANNOUNCEMENT***

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<b>TITLE:</b> Computer programmer contractor	<b>SALARY:</b> Negotiable depending on experience	<b>POSTING DATE:</b> November 1, 2008
<b>LOCATION:</b> Windsor, Colorado	<b>HOURS PER WEEK:</b> 20-40	<b>CLOSING DATE:</b> Until filled

### **METSTAT, INC.:**

Since 1995, Metstat has been providing quality meteorological/climatological consulting services. Metstat is a company that provides high quality storm analysis and spatially distributed climate products to improve hydrologic design criteria, hydrologic modeling parameters, and agricultural practices. The Metstat team has played a key role in several major projects including the National Climatic Data Center Climate Atlas of the United States and the NOAA/NWS Precipitation Frequency Data Server.

Serving as a committed partner to our private and public sector clients, Metstat works on complex hydrometeorologic problems using cost effective in-house methods. Metstat is currently working on projects with NOAA, the NWS, and a number of private clients. See <http://www.metstat.com/> for more details.

### **DUTIES AND RESPONSIBILITIES:**

- Perform, implement and support general programming on meteorological and climatological data
- Create and manage large climate and weather-related datasets
- Perform meteorological/climatological data acquisition and quality control
- Perform general PC and Linux administration, including web page maintenance, backups and software installation
- Perform, implement and support geographical information system (GIS) needs, including map creation, spatial database organization/optimization and metadata management
- Miscellaneous tasks associated with a fast-growing, but small, meteorological consulting company

### **QUALIFICATIONS:**

Associate's degree or higher in computer science, mathematics, information systems or closely related field and two years work experience; OR, any combination of education, training and experience which demonstrates the ability to perform the duties of the position.

### **KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:**

- Computer programming, scripting, data management, and software development skills.
- Skills in applications development using Perl, C, awk, and UNIX/LINUX shell scripts. Knowledge of Tcl/Tk desired, but not required
- Strong communication skills and the ability to work effectively with a small team, but also independently within time constraints
- Ability to develop and implement appropriate technical solutions for programming needs.
- Knowledge of GIS, meteorological/climatological data, organization and management of large climatological/meteorological data sets is highly preferred, but not required
- General PC and Linux computer administration skills, including HTML and backups
- Working experience with ESRI software (ArcGIS) is desired, but not required
- Experience with GRASS GIS is highly preferred
- Ability to multitask and react to critical programming issues quickly and efficiently

### **TO APPLY:** Send or email resume and/or questions to:

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