

Climate Change Student Assistant III

Tracking Code

9008

Job Description

PLEASE NOTE: This is a new, Casual (as needed/no benefits) position. Applications for this position will be accepted on a continuous basis until the position is filled.

NCAR - Research Applications Laboratory (RAL)

**BASIC JOB FUNCTION:** This term position provides assistance for ISSE's North American Regional Climate Change Assessment Program (NARCCAP url: [www.narccap.ucar.edu](http://www.narccap.ucar.edu)). Assists with various aspects of maintaining and developing the program website, provides graphical support for climate model output data analysis, and processes some of the NARCCAP data. Some data analysis will require developing basic computer programs or modifying existing algorithms. May write or modify data processing and/or display tools.

**DUTIES INCLUDE:** Assists in development of new web site components. Works with program scientists, programmers, and associate scientists to assist in the processing of data as needed for distribution to users via Earth System Grid and to support analysis objectives. Produces graphics of data for the web site and for further analysis.

**REQUIREMENTS INCLUDE:**

Education and Experience

- Must be currently enrolled in a college or university;
- Pursuing a degree in atmospheric sciences, geography, math, computer science or related physical science; and have a
- work history demonstrating diligence and ability to learn job duties.

Knowledge, Skills and Abilities

- Working knowledge of HTML CSS.
- Working knowledge of Windows and Unix/Linux-based operating systems.
- Math Skills - some Statistics.
- Demonstrated skill in planning and prioritizing tasks.
- Demonstrated skill programming in Java, C++, C, Fortran, or equivalent.
- Demonstrated skill programming in one or more scripting languages (tclsh, perl, python, etc).
- Demonstrated skill working with graphics files (basic editing, format conversion, etc.).
- Ability to interface with multiple users and colleagues in an interdisciplinary environment.
- Demonstrated skill in performing tasks requiring organization and attention to detail.
- Excellent written and verbal communication skills.
- Ability to work 15-20 hours per week during school year and full-time during breaks.

DESIRED (but not required):

- Basic knowledge of climatology and climate modeling.
- Knowledge of NetCDF, NCL, GIS.

Job Location

Boulder, CO, US.

Position Type

Part-Time

Appointment Type

Casual (C) (As-needed/no benefits)

CONTACT:

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