



DEPARTMENT OF ATMOSPHERIC SCIENCES | THE UNIVERSITY OF UTAH

UTE WEATHER CENTER

Job Description for Programmer

Overview

Responsible for the maintenance and development of Ute Weather Center (UWC) internal and public software, and the training and aiding of UWC members in related programming projects.

Reports to the Director as the chief authority in any computer programming related to the UWC.

This position is paid. (10 hours per week)

Responsibilities

Maintain and optimize current software, ensuring functionality and enhancing efficiency in order to improve the delivery of accurate and timely forecasts.

Support the UWC mission through the development of internal products to aid forecasters in their duties.

Guide interns in selecting and completing programming projects that would further benefit the UWC. (Fall and Spring semesters only)

Preferred Qualifications

- Declared Atmospheric Science major, preferred but not required
- A minimum of 30 hours of college credit
- Good standing GPA (2.0 or above)
- Availability of 1 year, preferred
- Able to explain computer science and programming concepts in layman's terms
- Must have experience programming and be willing and able to learn new programming languages
- Experience with HTML, CSS, JavaScript, Perl, MySQL, and Linux is greatly preferred; experience with MATLAB/IDL, Python, and Git is also desired, but not required