

MRCC Summer Student Intern-Climatologist/Computer Programmer

Position: Student Hourly

Salary: \$12/hour; 40 hours/week

Availability: May 29, 2018-August 17, 2018

Primary Function of Position: This position is designed to expose the intern to the range of programming needs of the Midwestern Regional Climate Center (MRCC). To serve in a support role within the service and research-based environment at the Midwestern Regional Climate Center (MRCC) with computer programming assistance with MRCC data.

Duties & Responsibilities: The intern will assist MRCC scientists with the modification and development of computer programs and scripts to gain exposure to online tool development and research methods that accesses large atmospheric datasets. Ability to communicate effectively within a team environment is required.

Qualifications

Education: Currently enrolled undergraduate or graduate student majoring in computer sciences, atmospheric sciences, or related field. Programming experience with Perl, Python, Javascript and/or Java in a UNIX/LINUX environment.

Experience:

Required: Input/Output programming involving scientific data.

Preferred: Programming using APIs and JSON formats

Knowledge:

Required: Perl, Python, Javascript, or Java.

Preferred: Mobile app development for Android and/or iPhone

Contact Information: Letters and resumes submitted electronically via email must include the applicant's last name as part of the file name. Interested applicants should email cover letter and resume no later than Monday, March 9, 2018 to:

Beth Hall, Director
MRCC Illinois State Water Survey
bethhall@illinois.edu