

RF Engineer Recruitment



The National Center for Atmospheric Research (NCAR) Earth Observing Laboratory (EOL) seeks a full-time Electrical Engineer (Engineer II) with Radio Frequency (RF) experience to join a technical team of engineers, scientists, and technicians in support of meteorological research.

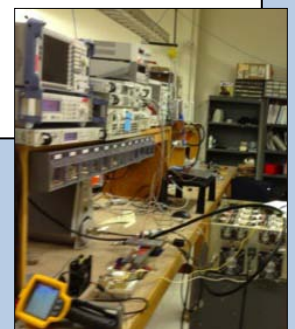
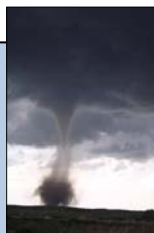
Electrical engineering design | Development of atmospheric instruments
Field deployment and operation of EOL atmospheric instruments such as wind profiler radars, lidars, and other remote sensors and in-situ sensors.

Education and Experience Required:

- Bachelor's degree in electrical engineering and at least 3 years of engineering experience; or
- Master's degree in engineering and at least 1 year of experience; or
- Ph.D. degree; or an equivalent combination of education and experience, with the experience in developmental engineering.

Job Activities include:

- Oversight of the deployment and operation of EOL instrumentation, primarily the Integrated Sounding System (ISS).
- Key team member in the specification, design, development, and upgrade of atmospheric instrumentation, including remote sensing Radio Frequency (RF) transmitters; receivers; antennas; high speed analog/digital (A/D) circuits; and Digital Signal Processing DSP interfaces.
- Engineering system design and performance analysis using Computer Aided Design (CAD) models and simulators. Directs the work of technical staff in the implementation of new systems.
- Professional engineering documentation for instruments and projects.
- Analyze data from instruments to evaluate system performance for proper operations, enhancements and required maintenance.



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