

Data Processors

Job ID: 22-02

Location: Lebanon, NH or Remote Location

Job Type: Full-Time

White River Technologies, Inc. (WRT) is a dynamic and growing technology company. Located in scenic Lebanon, New Hampshire, WRT has a great team of scientists and engineers that develops new solutions using magnetic, electromagnetic, radar, and acoustic sensors for defense, environmental, and energy applications. WRT is a national leader in underground mapping and has a reputation for delivering innovative solutions to complex problems.

WRT has developed, tested, and commercialized various geophysical sensors and software systems used for underground mapping. One sensor system is an advanced technology used for subsurface metal detection, which is being deployed across the USA and abroad. This technology is primarily used for mapping active or former military facilities which may have unexploded ordnance located in the subsurface. WRT supplies technology to other companies who perform field mapping. Integrated with GPS, operators collect data for the detection, location, and classification of underground objects. Field data is delivered to WRT any analyzed with WRT software.

WRT has immediate openings for data processing staff to support data processing and analysis using WRT software. The WRT Data Processors will manage incoming data, use customized software to geo-register geophysical data with GPS data, implement steps to visualize and detect buried anomalies, and classify detected anomalies to produce inventories of underground metal objects.

The Data Processors will work within a team to implement a multi-step workflow to process geophysical data and produce results for various WRT customers. Multiple software packages may be utilized in this work, including WRT custom software, GeoSoft Oasis Montaj, and various MATLAB-based applications. Additionally, integration of data and results with an ESRI GIS and/or Google Earth may be required. Experience in developing and/or maintaining databases is a plus.

Keys to success: high-level of personal reliability, strong computer / data processing skills, strong communications skills, attention to details, and a positive team-player personality. Positions are immediately available.

Essential Duties and Responsibilities

- Work either at WRT facility in Lebanon, NH or remotely
- Receive training, instructions, and daily work assignments from WRT data processing manager
- Implement defined workflow to process data
- Document activities using prescribed procedures
- Provide feedback to document, optimize, or otherwise generally improve process
- Participate on regular meetings to share experience and learn from others
- Gain proficiency in WRT software and basic working of field sensor systems
- Communicate activities to WRT staff

Education, Experience, and Skills

- BS or MS in computer science, physical science, or related field
- Degree in geophysics or experience processing geophysical data is a plus
- Two or more years working with data processing applications
- Computer fluency and strong Microsoft Office skills
- Well-developed and demonstrated communication and organizational skills
- MATLAB, ESRI experience a plus
- Demonstrated aptitude to learn quickly and ability to work in a team or independently

Please submit resumes and correspondence to jobs@whiterivertech.com. Reference Job ID in the subject line.