



Position Announcement – Geospatial / Remote Sensing Internship



Company: RedCastle Resources, Inc.
Title: Geospatial Intern
Location: Salt Lake City, UT
Application Deadline: Open until filled
Position Starts: As soon as feasible

Company Background: RedCastle Resources is a small, employee-friendly company that provides geospatial and information technology support to natural resource management agencies throughout the country and around the world. We specialize in the analysis of remote sensing, ecological, and other geospatial data, focusing on technical expertise and communicating with natural resource managers and other subject matter experts. The majority of our staff provide support through contracts with the USDA Forest Service, assisting National Forests, Regional and Washington Offices, USFS Research, International Programs, and partner federal agencies to use advanced geospatial data and technology for improved mapping, inventorying, and monitoring of natural resources.

Position Description: RedCastle Resources is seeking one or more interns with backgrounds in remote sensing and GIS to assist with data preparation, image interpretation, and geospatial modeling and analysis to develop information for natural resource management. Successful applicants will work with experienced RedCastle Resources analysts on a variety of projects. Interns will assist with the development and implementation of geospatial analytical procedures, and provide periodic status reports to RedCastle Resources' leadership. The following technical competencies are desired,

- Demonstrated ability to process, analyze, and model data in geospatial software platforms such as ERDAS Imagine, ArcGIS, Google Earth Engine, and R;
- Understanding of remote sensing and GIS concepts including projections, image classification, and others;
- Familiarity with image analysis techniques, including image interpretation;
- Aptitude for manipulating geospatial data in a GIS;
- Demonstrated interest in natural resource management problems and their solutions;
- Good written and verbal communication skills.

Education and Experience:

Candidates should be actively pursuing a BS/MS or already have a Bachelor's degree in a natural resources or applicable technical area, such as forestry, geography, ecology, or biology. Core working hours are from 9am-4pm and can range between 20–40 hours/week. Compensation will be commensurate with qualifications and experience. This position does not offer benefits or moving allowance.

If you are interested in applying, send a resume and cover letter to employment@redcastleresources.com. Application review will start immediately and continue until successful candidate(s) are found. Phone calls and email correspondence are welcomed for additional information about the position.