

JOB ANNOUNCEMENT

Position: GIS & Restoration Technician

Location: Fort Collins, Colorado

Duration: Part-Time. 20-30 hours per week (upwards of 40), with potential for full-time permanent job pending employee performance and AloTerra's future work load. Candidates with a broader skill set may have the potential to work closer to 40 hours per week (i.e., proposal and report writing, surveying, and other non-GIS tasks).

Compensation: \$18.50 - \$22.50/hour, depending on experience

Application Deadline: May 01, 2021. Early applicants will be prioritized for interviews. Position is open until filled

TO APPLY

Please send a cover letter (maximum 500 words), resume (2 pages max), three references, and salary history (all as a single pdf or word doc) via email to: John Giordanengo, john@aloterraservices.com. No phone calls please.

Applicant's resume must *clearly* demonstrate your experience as it relates to the job requirements outlined below.

POSITION OVERVIEW

AloTerra Restoration Services, LLC (AloTerra) is seeking a part-time GIS and Restoration Technician to provide organization of geospatial data, creation of maps and figures, and analysis of spatial data, by means of GIS software and other geospatial and cartographic means. Duties include a variety of technical office and field work tasks such as: production of high-quality maps, creation of restoration design plan sets, field assessments, calculating treatment take-offs (acreage, quantity of plants, linear distances, etc.), data entry and basic analysis, report writing, and other technical support. This job will also entail writing and other tasks related to USACE permitting (section 404 of the Clean Water Act) and a variety of state and local regulatory compliance needs. AloTerra's work encompasses a wide range of ecological restoration projects on federal, state, local, and private lands. Considering our diverse staff, collaborators, and client base, the GIS & Restoration Technician will be communicating with engineers, ecologists, regulatory specialists, landscape architects, biologists, and others. AloTerra will consider applicants from a variety of backgrounds, such as ecology, engineering, watershed science, wetland science, natural resource management, landscape architecture, and related fields. This is position is a great opportunity for Natural Resource students in their final year, or for recent graduates looking for a great variety of practical experience.

ORGANIZATIONAL BACKGROUND

Founded in 2014, AloTerra has built a strong reputation for ecological restoration design-build services across the Front Range of Colorado. AloTerra pursues projects and clients based on the potential to improve ecological function of highly disturbed systems. Our mission is to *create ecological restoration solutions that maintain biologically diverse and highly functioning landscapes within the context of community needs*. AloTerra is fortunate to be involved in a variety of fascinating projects and to employ talented staff as crew members, project managers and supervisors, foreman, GIS experts, wildlife biologists, and restoration ecologists. Our newest branch, Agricultural Restoration, has been launched to raise the ecological and economic value of impoverished agricultural landscapes across the US.

EQUAL OPPORTUNITY EMPLOYER

AloTerra Restoration Services, LLC is an Equal Opportunity Employer and protects applicants and employees from discrimination in hiring, promotion, discharge, pay, fringe benefits, job training, classification, referral, and other aspects of employment, on the basis of race, color, creed, age, religion, sex (including pregnancy), sexual orientation, or national origin. Religious discrimination includes failing to reasonably accommodate an employee's religious practices where the accommodation does not impose undue hardship.

GENERAL RESPONSIBILITIES

General Responsibilities	Brief Description	Approx. Percent of Time
Design Development, Maps, and Support	GIS map creation, data collection, synthesis & data management, and plan set production.	65%
Field Assessments & Labor	Assist design and assessment staff in the field with data collection and mapping. At times provide labor alongside professional restoration crew	10%
Data Acquisition & Analysis	Assist in data acquisition, analysis, and miscellaneous technical research. Contribute to software/hardware research to further the company's technical needs.	5%
Other Duties as Assigned	Assist with technical report writing, project proposals, permitting, technical research, and miscellaneous tasks.	20%

QUALIFICATIONS

The following qualifications should be *clearly* highlighted in your resume.

Required Skills and Experience

- Academic degree and/or significant professional experience in natural resources, geography, ecology, botany, civil engineering, landscape architecture, or similar field;
- Minimum 1 year experience working in GIS and GPS, ecological restoration, natural resources, landscape architecture, engineering, or related fields;
- Understanding of data management and manipulation including working with various GIS file formats such as vector and raster graphics, SHPs, DXFs, KMZs, DEMs, and databases.
- Highly proficient with computers and various software including ArcGIS and/or QGIS, Excel, Word, Powerpoint, and GPS equipment;
- Strong sense of self-motivation and self-direction, and a solutions-oriented thinker. The successful candidate should be comfortable learning new software on their own and have excellent independent troubleshooting abilities, especially related to technical support;
- Demonstrated ability to professionally communicate with a broad range of people, both written and orally;
- Naturally positive attitude, and ability to work with grace and professionalism under high stress situations;
- Strong detail-oriented organizational skills and ability to work well as part of a team; and
- Strong conservation values with a desire to work in Fort Collins, Colorado.

Desired Skills and Experience

- Certificate or degree in geospatial sciences / technology or similar program;
- Strong writing skills, specifically for proposals and reporting;
- Surveying experience (i.e., Topcon and similar survey grade GPS units and associated software);
- Experience with AutoCAD (Civil 3D);
- Basic understanding of programming languages and experience, including open-source solutions;
- On the ground experience implementing conservation, restoration, or other natural resource projects; and
- Experience working with consulting or non-profit organizations.