Employment Opportunity at Plan-It Geo

GIS/Natural Resources Technician ($13-16/hour dep. on qualifications/experience)

Location: Arvada, CO

Description
Plan-It Geo provides professional geospatial consulting services and web/mobile software solutions for urban forestry and green infrastructure planning, natural resource analysis, forest management, and related areas. We are seeking a full-time, entry-level position, someone with diverse interests, and experience/education in natural resources, urban planning, and technology. Candidates should be motivated, versatile, work well in the private industry under deadlines and pressure, and be well-written with excellent communication skills.

Primary responsibilities of the position:
- Review, organize, and process GIS and environmental data from different sources, including mapping data accuracy, aerial interpretation, and data development/digitizing (QA/QC) for urban land use / land cover classification data.
- Data management including geoprocessing, conversion (raster/vector), projections and standard metadata protocols, with focus on natural resources data sets.
- Apply forestry / natural resource concepts in the contribution toward professional/technical reports (narratives, tables, graphics, and background research).

Desired Knowledge, Skills, and Abilities
- Attention to detail in quality control when drafting client deliverables in MS Office products
- Ability to perform or quickly learn GIS raster/vector data conversion/editing, geoprocessing and modelling, quality cartographic production, data management, and reporting tasks.
- Natural resource / forest management principles and planning processes.
- Experience in GIS desktop software (ESRI or Open Source; from coursework or other)
- Conceptual understanding of remotely-sensed data types (including satellite and aerial imagery, and LiDAR data) and their uses and software platforms.
- Ability to communicate effectively both orally and in writing and establish/maintain effective working relationships with staff, clients, and other industry professionals.

Beneficial Knowledge, Skills, and Abilities
- BS/BA degree in geography, computer or environmental science, forestry, or planning.
- Interest in forestry, urban ecology, ecosystems, water/natural resources, or land use planning.
- Experience with ArcGIS geoprocessing, ModelBuilder, i-Tree, QGIS, image processing software or other open source tools for processing and analyzing remotely-sensed data
- Knowledge of cartographic and other visual design technologies.
- Problem-solving skills with good attention to detail and the ability to think through and execute spatial analyses from beginning to end.
- Tree identification, ISA Certified Arborist, or related field work expertise; willingness to travel.
- Programming in Python, R, JavaScript or testing and designing web/mobile applications
- Technical writing, web/viral marketing, social media, and related support tasks

Candidates with strengths in planning or natural resources, not just GIS, are encouraged to apply. If interested and qualified, please email 1-page resume and cover letter to:

Plan-It Geo, LLC
5690 Webster Street, Arvada, CO 80002
(303) 503-4846 – info@planitgeo.com

www.planitgeo.com

A geospatial analysis, technology consulting, and planning firm specializing in forestry and natural resource management.