GIS Technician Job Description

Farr West Engineering provides a broad spectrum of Geographic Information System (GIS) services including data engineering, data entry, system integrations and enhancements, as well as web-based GIS hosted solutions. Farr West primarily works with utility systems, but is expanding our service base. We are seeking a full time employee to assist with a variety of GIS tasks including data acquisition, data transformation, editing, cartographic production and GPS data management. The level of responsibility and complexity of tasks will be commensurate with the experience of the candidate.

Requirements:
- Bachelor’s degree or current and verifiable enrollment towards a degree in Geography, Geology, Computer Science, Civil Engineering or related field.
- Ability to quickly learn and apply software methodologies to solve complex problems on a routine basis.
- Proficiency with ArcEditor/Info and ArcCatalog.
- Working knowledge of Microsoft Excel, Microsoft Access.
- Possess excellent writing and verbal communications skills.
- Self-motivated and works well both independently and in a project team.
- Attention to detail and accuracy when editing GIS data.

Desired Qualifications:
- Experience with AutoCAD Map and/or Civil 3D and AutoDesk data formats.
- Familiarity with metadata standards and QA/QC procedures.
- Familiarity with any or all of the following: SQL, VBA, Python.
- Familiarity with GPS units and primary data collection in the field.
- Familiarity with Trimble TerraSync and Pathfinder Office.
- Geodatabase design and management experience.
- Familiarity with reading and understanding utility plans.
- Understanding and practical experience with concepts such as geometric networks, projections, datums, coordinate systems, and database relationships.

Responsibilities:
1. Inputting record document information into the GIS.
2. A variety of routine tasks related to data mining and/or acquisition, data processing and data management.
3. Converting data between various formats (i.e. GIS, AutoCAD, database tables).
4. Routinely produce exhibits and maps

To apply, send cover letter and resume to: dave@farrwestengineering.com Attn: Dave Hunt, P.E.