JOB DESCRIPTION:

GIS Implementation Specialist

Description

NorthSouth GIS LLC (NSG) is a Southern California based boutique consulting firm with a global reputation. NSG is an Esri Gold Partner that specializes in GIS consulting services for a diverse range of clients, including ports, local government, airports, and public safety. We have an opening for a GIS Implementation Specialist with the following skills in our Los Angeles office.

If you possess the required skills and experience, are a good listener, quick learner and excellent collaborator who will flourish in a fast paced consulting environment, **please submit your resume, cover letter and salary requirements by email to:**

hr@northsouthgis.com
Subject line: **GIS Implementation Specialist**

A GIS Implementation Specialist is responsible primarily for delivering complex geospatial implementations for consulting clients, and over time will take on designing and managing such implementations. Implementations may consist of many of the following elements: software installation/configuration/customization and database creation/ conversion/migration/maintenance. In all of these cases the GIS Implementation Specialist has a role in liaising with the client, determining and analyzing requirements, and then executing the solution, once it has received the client's approval. Implementation is often done with the aid of a team of NorthSouth GIS staff, contractors and partners.

The GIS Implementation Specialist is responsible for translating client requirements accurately as part of the team that implements the solution and then for making sure that the solution is communicated accurately to the client. Depending on the project, the GIS Implementation Specialist may fully perform or participate in the writing of proposals, keeping projects on budget and client reporting. On many projects some or all design and management responsibilities will be assumed by a separate GIS Implementation Architect or Project Manager, while for other projects the GIS Implementation Specialist may be responsible for the entire project. GIS Implementation Specialists work closely with and often take strategic direction from NSG's Services Manager.

Responsibilities:
- Provide billable GIS Implementation Specialist service hours to our clients, off-site and on-site, as needed
- Provide technical analysis, design and documentation for GIS databases and systems implementation, as well as organizational analysis to the level needed to support the technical solutions proposed by NorthSouth GIS
- Liaise with our software development teams to help translate user requirements into software specifications
- Install, configure and train users on both COTS and custom software written by our development teams
- Establish and maintain strong, healthy relationships with clients
- Assist clients with system implementation tasks, data development and various consulting services
- Test and troubleshoot solution components and advise on resolutions
- Fulfill end-user requirements, identify and resolve systems issues
- Install, configure and manage ArcGIS for Server and Enterprise Geodatabases (on SQL Server / Oracle / PostgreSQL, etc.)
- Create, configure and manage ArcGIS for Server map and data services
- Configure and publish ArcGIS for Server-based web sites using third party middleware
- Write user manuals and training materials, and deliver training

- Work as an integral part of NorthSouth GIS and other companies it may engage with on projects, sharing information and interacting to fulfill client requirements
- Participate in the design, analysis and documentation for proposals, client projects and internal projects.
- Potentially lead 2-3 person project teams
- Report progress to clients, NorthSouth GIS management and, when assigned, to an NSG Implementation Architect, Project Coordinator or Manager
- Remain within project budgets and schedules, and help maximize company success, reputation and profitability
- When requested, participate in the configuration and testing of internal NSG projects and support the activities of the NSG Solutions manager
- Perform related duties as assigned

Required Skills and Experience:
- Proven recent 5 years of experience with Esri GIS software such as ArcGIS for Desktop and ArcGIS for Server
- Experience in spatial data creation, editing, conversion using ArcGIS and loading into an enterprise versioned geodatabase
- Hands-on experience with ArcSDE / SQL Server / Oracle enterprise versioned geodatabases
- Experience in creating ArcGIS for Server dynamic and cached map services, image services, locators, etc.
- Experience in configuring/implementing/customizing GIS web viewers
- Excellent English, both written and spoken, and comfort communicating with a variety of clients, staff, and other professionals
- Bachelor's Degree in Computer Science, Geography, GIS or other relevant field

Helpful Skills and Experience:
- Project management experience
- Experience with deploying Geocortex Essentials sites and workflows
- Experience handling and manipulating LiDAR and Bathymetry data
- Experience with PSIM, Command and Control (C2), and Computer Aided Dispatch software
- Real hands-on experience with AutoCAD
- Some DBA experience with SQL Server, Oracle and/or ArcSDE
- Experience with GPS field data collection (i.e. not surveying)
- Experience with mobile GIS apps
- Experience with ModelBuilder, Python scripting
- ArcGIS for Server Administration
- Basic programming skills and comprehension of software development logic
- Experience with web development and/or web server administration
- Prior consulting experience including significant interaction with clients
- Experience creating ArcGIS Server geoprocessing services

Desired Personality:
- A collaborative teammate who appreciates the value of communicating, brainstorming and sharing information
- Enthusiastic and career driven problem solver who enjoys widely-varied technical challenges
- Able to travel to client sites in and out of the region (typically infrequent multi-day trips or rare multi-week trips, currently in the US but potentially overseas in future)
- Willing to perform duties outside of the basic job description and quickly expand skill set into new areas
- Able to thrive in a dynamic environment with rapidly changing objectives and priorities
- A GIS evangelist who comfortably and enthusiastically engages non-techies in discussions about technology

Employment Terms:
- Full time, salaried position with benefits
- Compensation commensurate with experience
- All candidates must currently be a Citizen of the United States or have US Permanent Resident Status
- Equal opportunity employer

- **All candidates <u>must</u> be eligible to obtain a Transportation Workers Identification Credential (TWIC)** (see http://www.tsa.gov/sites/default/files/publications/pdf/twic/immigration_status_documents.pdf to determine your eligibility – it is your responsibility to ascertain your eligibility)

<u>A personal note about who we are and how you will fit:</u>
NSG is a small, successful and growing consulting company consisting of exceptionally skilled people who really love GIS technology. We have been around for 16 years and continue to evolve with the industry. We are geospatial system integrators who help our clients to connect their IT systems through GIS and GIS Web Viewers. We design and implement GIS tools and system integrations to do things such as help clients plan for security threats and emergencies, manage their properties and assets, improve collaboration and provide a spatial context for decision making. We help clients adjust processes and procedures to better support and maintain their spatial databases, increase overall efficiency using spatial integrations and enhance their ability to succeed. Our goal is always to provide a good return on investment to our clients and help them accomplish real business goals. Our clients love our commitment to their success, our willingness to flex and bend to meet their unique business needs, and to remain professional through thick and thin.

As consultants, we are subject to a very dynamic workload. Some weeks, especially when project deadlines approach, you may work long hours and experience some stress. Other weeks, you may find yourself looking for ways to be useful while your projects are held up for various reasons. This is the nature of consulting and it is not for everyone. However, if you are someone who enjoys building clever and useful tools, solving problems and doing real things with GIS, it can be very rewarding.

Most days you will probably work from our office and remotely connect to client offices to work on their projects. Periodically you will need to travel to a client location and meet with clients to learn their needs. Occasionally you may work for several days at a client facility. It is possible that you will need to spend a couple of weeks on-site in some situations, though thus far this has not been a common need. Travel requirements and durations will vary by project and the role you are playing within it.

Given our size, most staff perform a wide range of duties. While this position will emphasize GIS System Implementation, it is likely to entail most aspects of GIS technology and IT consulting. In a typical week you are likely to be troubleshooting technical issues, discussing needs and designing solutions with clients, performing all levels of GIS work, creating documentation, building virtual servers and more.