

JOB POSTING

GIS Web Programmer/Analyst

Start Date: January/February 2012

This is currently a contract position with possibility of extension or conversion to employee status. This position is based in **Halifax, Nova Scotia**. This role may require some travel (Canada and US) and flexibility of work schedules. Rate is commensurate with level of expertise.

Spatial Energistics Group Inc. (www.spatialenergistics.com) is searching for a GIS Web Programmer/Analyst with experience in using the ArcGIS Web API for Flex.

Detailed Role Description:

- Develop and code in Flex for ArcGIS API applications and other programming languages.
- Facilitate Joint Application Design Sessions with business and/or our partners .
- Work on client sites when requested.
- Lead or provide input into the development of Scope Documents to capture the objective and scope of the initiatives being investigated as it pertains to web GIS technical requirements.
- Be expected to work in a SDLC process driven environment.
- Have the ability to interpret technical documents such as System Architecture Designs and Application Design documents.
- Utilize functional and non functional specifications and use cases for web development.
- Develop and execute against project plans, scopes, schedules and budgets.
- Responsible for ensuring code and functionality are traceable to business requirements and specification documents.
- Participates in system testing, user acceptance testing, and efficiently troubleshoot defects.

Critical Attributes - Specialization and Skills (Mandatory):

- Formal education in geomatics and/or computer science.
- MUST be comfortable working and presenting ideas to groups. confidence typically in a "presentation" environment.
- MUST exude confidence in all aspects of the role especially when dealing with clients.
- Bachelor's degree from an accredited institution and/or five (5) years of experience in the analysis, design, coding, testing and deployment of GIS web solutions are required.
- Candidate must have a minimum of two (2) years experience in working with ArcGIS Web API for Flex.
- Experience in software application development and web service development.
- Strong knowledge of ESRI software geodatabase configuration and management and common API's and tools.
- Familiarity with performance tuning of ArcGIS Server.
- Web application development experience using Adobe Flex with Actionscript.
- Knowledge of database applications (Oracle 10g/11g preferred).
- Experience with geospatial data conversions.
- Background in web mapping; general cartography.
- Experience with code server side geospatial functionality and web services.

- Experience coding both client side and server side GIS vector and raster manipulations.
- Experience in the development of ArcGIS Server 9.3/10x applications.
- Experience working in a formal project environment.
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Desirable Attributes

- Knowledge of business analysis techniques and BABOK.
- Knowledge and/or certification of ITIL.
- Knowledge of CMMi.

Please submit a cover letter and resume. The cover letter should explain your experience as it relates to the **Detailed Role Description** above and how you have used your programming skills to develop GIS Web applications using Flex.

All submissions to be sent to careers@spatialenergistics.com

Deadline: Noon AST **December 20, 2011**