

Kinder Institute for Urban Research GIS Developer Job Opening

Kinder Institute for Urban Research at Rice University (<http://www.kinder.rice.edu/>) currently has a position opening for a GIS Developer. This position supports the development and launch of the Urban Data Platform (UDP).

The UDP is envisioned to be a conduit, receptacle and portal for Houston focused geospatial data. As Kinder begins year 2 of a 3 year effort the GIS Developer will work collaboratively with project team comprised of: data managers, GIS analysts/ technicians, and business system analysts to lead the following efforts:

- Design, deploy and maintain Enterprise/SDE Geodatabases;
- Develop efficient and sustainable ETL (extraction, transformation and load) procedures;
- Develop applications that provide geographic data products and services in the following environments
 - Secure (virtual machine) for researchers and
 - Public (web based) for members of the broader Houston community.
- Work to develop and maintain geospatial data standards: processing, documentation and metadata.

Job Description: -

- Lead the development of GIS spatial products and web applications to meet user needs.
- Conduct data cleaning and standardization utilizing GIS tools.
- Design and maintain Microsoft SQL server spatial database.
- Develop programming scripts and other automated processes to expedite routine data analyses and mapping functions.
- Identify client requirements and then design & maintain online, self-service GIS applications for clients to access information and perform data analysis.
- May act as technical lead and direct the work of others or lead project efforts, including liaison with stakeholder groups.
- Collaborate with project team on data collection and analysis methods. Revise and refine additional data and collection reporting requirements.

Additional Details

- Position type: Full-time
- Open Date 12/1/2016
- Salary Commensurate with Experience and Qualifications
- Standard work week with some flexibility
- Eligible for benefits

Education Required

- Bachelor's Degree, Concentration/Degree: Geographic Information Systems, Geography, Landscape Architecture, Civil Engineering, Computer Science, Statistics, or a related field
 - May substitute additional related experience, above and beyond what is required, on an equivalent year for year basis in lieu of the education requirement

Experience Required

- 3 years
 - -2+ years of Esri JavaScript API
 - -2+ years of PL/SQL, T-SQL, SQL

- -3+ years Esri ArcGIS Desktop and Server 9x/10x
- -2+ years Esri ArcGIS Server services
- -2+ years Esri ArcGIS Desktop GeoProcessing services development
- -2+ years Esri ArcSDE/SQL geodatabase development
- -2+ Python Scripting
- May substitute additional related education, above and beyond what is required, on an equivalent year for year basis in lieu of the experience requirement.

Skills Required

- Comfort working in Microsoft: operating systems and platforms (.NET, Python, PHP, etc.), application servers (IIS), and architecture.
- Ability to clearly communicate technical ideas, whether to other technical peers or non-technical project managers or users.
- Experience with web application development with specific tools in Esri ArcGIS Online and JavaScript AppBuilder.
- Proficient database development and management experiences. - Expert web application development abilities.
- Strong SQL and Python coding skills.

Education Preferred

- Master's Degree and equivalent course work in: Geographic Information Systems, Geography, Landscape Architecture, Civil Engineering, Computer Science, Statistics, or a related field

Experience Preferred

- Five years' experience (including coursework) using Geographic Information System (GIS) software GIS-based programming
- License/ Certification Required
 - Certified DBA (SQL/Oracle)

Skills Preferred

- Comfortable working in a team-based environment
- Creative, flexible and results oriented approach to problem solving

Required Documents

1. Cover Letter
2. Resume

More Information: <http://jobs.rice.edu/postings/9202>