

## Position Description

### Position Title: Geospatial and Data Analytics Specialist

#### Position Summary

The Geospatial and Data Analytics Specialist is responsible for working with Urban Strategies' team of Urban Designers, Planners and business development team and Partners to undertake database development and data analysis using a variety of software and information technology approaches to advance Urban Strategies' digital/ analytics services.

#### Responsibilities

##### Digital Data

- Compilation, structure and management of digital data including \*Compass™ survey results. Database development will manage 2D and 3D materials, including base mapping, digital modeling as well as gathering relevant research and precedents that demonstrate and convey various data analytics tools and techniques
- Develop graphic analytical tools to simply and easily compile data results generally using info graphics and other analytic tools.
- Support multiple projects and initiatives related to database development, analysis, research, mapping and visualization.
- On an ongoing basis, work with the Partner, Business Development & Communications to refine and expand the capabilities of the Compass™
- Develop new methodologies and techniques that can demonstrate innovative and distinct data use to enhance Urban Strategies digital and information services capabilities
- Ad hoc projects as required

*\* Our proprietary Campus Compass® / Community Compass® is an online engagement tool which incorporates qualitative and quantitative survey questions and geospatially rich interactive mapping features.*

##### Library Management

- Undertake the creation and ongoing management of the open asset library including overseeing the introduction and classification of new data imagery

##### Business Development

- Demonstrate leadership by creating geospatial analysis of relevant media/news topics to be shared on Urban Strategies social media channels and blog.
- Participate in and lead industry events and discussion groups regarding geospatial analytics.

##### Other responsibilities include:

- Mentor other team members with the goal of increasing Urban Strategies collective professional knowledge-base of GIS and data literacy

- Offer skills training associated with GIS and analytics to generally raise USI's cultural competence with geospatial analysis, open data, etc.
- Work independently and exercise judgement on specific tasks
- Manage their time to meet deadlines and produce high-quality deliverables on multiple concurrent projects.
- Communicate clearly, professionally, and persuasively, both orally and in writing
- Adapt and respond to a dynamic and fast-paced work environment
- Continually learning and staying up to date on design industry trends
- Participate in and support the Computer Committee

**Skills/ Qualifications/ Experience:**

<b>Essential:</b>	<b>Desirable:</b>
Bachelor's degree in Data Science and Analytics, Spatial Analytics or Geographic Analysis	Master's degree in Data Science and Analytics, Spatial Analytics or Geographic Analysis
A solid knowledge of contemporary CAD and graphic software including Photoshop, InDesign, ArchiCAD or similar BIM software and other drafting, graphic design and layout software.	
An understanding of basic GIS analysis and how to present data findings in meaningful observations (heat maps, spatial relationships etc..).	
A passion and interest for spatial information and what it can teach us about our cities/regions.	
A solid understanding of MS Office suite including Word & PowerPoint.	
Organized and detail orientated	
Possess good problem-solving skills, creativity and knowledge of information technologies.	
The ability to work collaboratively as part of a team.	
Strong visual eye and attention to detail.	

*Note: This position description is intended to describe the general nature and level of work being performed. It is not an exhaustive list of all responsibilities, duties or skills required, and the employee may be required to perform other duties (that they are skilled to perform) as requested.*