

Classification Title: Senior Geographic Information System (GIS) Analyst

FLSA Status: Exempt

BRIEF DESCRIPTION: Leads Geospatial Project Management, Programming and Analysis for Business Unit clients. Leads need assessments and Business Process Analysis through consultation with project stakeholders. Manages full development cycle including analysis and modeling, coding, documentation, testing, and maintenance. Represents the Division on Countywide and Statewide initiatives. Provides vision and leadership to the Division on the direction of geospatial applications and infrastructure.

ESSENTIAL FUNCTIONS:

This information is intended to be descriptive of the key responsibilities of the position. The following examples do not identify all duties performed by any single incumbent.

S Sedentary	L Light	M Medium	H Heavy	V Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10- 20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

#	Code	Essential Functions
1	S	Conducts Needs Assessments and Business Process Analysis through consultation with project stakeholders, defines Business Processes and creates scoping documents for Division projects
2	S	Administers Wake County’s ArcGIS Online for Organizations System.
3	S	Conducts Rapid Development / Agile Team Projects.
4	S	Creates complex geospatial models to derive datasets and update processes. Requires expertise in Oracle DBMS, Esri ModelBuilder, Python and ArcGIS
5	S	Represents the County on Countywide and Statewide Initiatives.

CLASSIFICATION REQUIREMENTS:

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Education	Master’s degree in Computer Science, Geographic Information Services, Business or related field.
Experience	Five years of experience in Geographic Information Services
Equivalent Education & Experience Accepted?	Yes
Certification and Other Requirements	None
Reading	Advanced
Math	Advanced
Writing	Advanced
Managerial	Receives Limited Direction.

CLASSIFICATION REQUIREMENTS	
Budget Responsibility	Prepares documents and does research to justify language used in documents for a department. May recommend budget allocations.
Supervisory / Organizational Control	Work requires functioning as a lead worker performing essentially the same work as those directed and includes overseeing work quality, training, instructing, and scheduling work.
Interpersonal / Human Relations Skills	Work requires very frequent and regular contact with others in a direct reporting relationship as well as others outside of a direct reporting relationship. The purpose of the contact broad reaching and dynamic and may include the communication specific issues and/or general policies. Interaction with others outside of the department requires exercising participative management and negotiation skills that support County strategy and organizational goals. Work also requires the communication with direct reports to ensure maximum productivity in work assignments. Makes presentations and answers questions in regard to presentation materials and findings.

OVERALL PHYSICAL STRENGTH DEMANDS:

Sedentary	Light	X	Medium	Heavy	Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.		Exerting 20-50 lbs occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10- 20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:

Emergency care equipment, communications devices, computers, printers and related software

PRIMARY WORK LOCATION	
X Office Environment	Shop
Clinic	Vehicle
Recreation Centers/Neighborhood Centers	Warehouse
Outdoors	Other

PROTECTIVE EQUIPMENT REQUIRED:

N/A