



## Urban Planning Management

### SENIOR GIS ANALYST POSITION

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APD Urban Planning and Management LLC. (APD-U) is seeking to fill a full-time Senior GIS Analyst position to create, manage, and analyze spatial data and perform raster and vector-based analysis for reporting and decision-making in our planning and community development work. We are looking for a creative, highly motivated, detail-oriented Senior GIS Analyst with a strong background in applied statistics or machine learning techniques and GIS software applications. The ideal candidate must be extremely detail-oriented, compassionate, friendly, helpful, and self-motivated, with a positive attitude and strong work ethic. APD-U is an urban planning firm focused on neighborhood revitalization and community development. Our firm consists of experienced professionals in multiple disciplines including neighborhood and urban planning, community redevelopment, construction management, real estate development.

#### Primary job tasks include but are not limited to:

- Collect, create, and maintain demographic, housing, environmental, and point-of-interest data into geodatabases for map and dashboard consumption.
- Use ArcGIS Pro, ArcGIS Online, and other software to display data and data analyses in a clear and informative way, including but not limited to production of spatial and statistical analyses of demographic and other neighborhood, city or regional data.
- Create and maintain online maps and dashboards for presentation and clients.
- Create and maintain documentation of workflow processes.
- Create and maintain scripts that automate data cleaning, processing, and analysis.
- Create and maintain informative data visualizations through applied statistical methodology, code or geodatabases.
- Perform complex geospatial and/or data analysis.
- Develop new data collection, visualization and analytical methods that add to the firm's ability to analyze community information.
- Write metadata for any data collected and GIS analyses completed.
- Assist in field surveys and inventories as needed.
- Assist with other neighborhood/community planning and business development related tasks as required.

#### Minimum Qualifications

This position requires a combination of skills, experience, and education including but not limited to:

- Bachelor's degree in Computer Science, Statistics, Mathematics, or another quantitative field with demonstrated experience in the urban, city or regional planning fields, OR Bachelor's Degree in Urban Planning or Geographic Information Systems, with some experience in software development and or data science fields.
- Basic proficiency skills in Python, R or SQL.
- GIS Proficiency – both with open source and ESRI suite of products.
- Two (2) to three (3) years of experience developing and managing GIS projects with some involvement in urban, neighborhood, or community planning activities and/or research.
- Demonstrated knowledge of applied statistics or machine learning techniques to urban and city planning challenges.
- One (1) to two (2) years manipulating data sets, visualizing data, building statistical models, and the general application of data science concepts and tools within the domain of urban or city planning or consulting.
- Experience automating GIS workflows (Python scripting or Model Builder); two (2)- three (3) years highly preferred.
- Excellent with Microsoft Office 365 Apps (Excel, PowerPoint, Teams).



- Experience building dashboards and using data visualization tools.
- Excellent oral and written communications skills.
- Experience with Microsoft's Office 365 Apps (Office, Excel, PowerPoint).
- Ability to analyze, present and report on qualitative and quantitative data.

#### Minimum Experience & Training

- Bachelor's degree in Computer Science, Statistics, Mathematics, or another quantitative field with demonstrated experience in the urban, city or regional planning fields, OR Bachelor's Degree in Urban Planning or Geographic Information Systems, with some experience in software development and or data science fields.
- A minimum of two (2) years of professional experience in related fields.

#### Salary

Negotiable, based on experience

#### Benefits

Liberal Paid Time Off Policy

Health care reimbursement

401K Plan

Professional Development allowance

#### COVID-19 Precautions:

Remote initial interviewing process can be requested.

#### Location:

Location is full-time, onsite in our Atlanta office.

#### Submission Instructions

Please submit the following documents via email to Bridget Wiles, [info@apdurban.com](mailto:info@apdurban.com) (No phone calls accepted)

- Cover Letter
- Resume
- 3 references with complete contact information
- Portfolio demonstrating applied statistical work, GIS written technical memorandums,

**Incomplete submittals will not be considered or reviewed. No phone calls accepted.**