



*Creating ecological solutions through innovative engineering*

### **GIS Intern**

Wildlands Engineering is seeking motivated individuals to assist our **Asheville and/or Charlotte** teams through a GIS intern position. We are looking for students enrolled, or having recently completed, a B.S. or M.S. program for geospatial technology, geography and urban planning, environmental science, landscape architecture, forestry, or related applicable scientific discipline. The position is a paid, part-time, hourly internship.

### **Company Information**

Wildlands Engineering, Inc. was founded in 2007 and focuses on stream and wetland restoration, watershed planning and assessment, and water quality management. With offices in North Carolina, South Carolina, and Virginia, Wildlands Engineering provides water resources engineering, ecosystem restoration, mitigation banking, and consulting services to an array of clients, including local and state government and conservation organizations. Our dedicated, motivated, and highly trained team has experience in all aspects of stream and wetland restoration, watershed planning and assessment, and water quality management. Wildlands Engineering is committed to a watershed and ecosystem approach to ecological restoration and water quality management, and we provide exceptional services to our clients in an uncompromisingly ethical, innovative, and time-sensitive manner.

### **Job Description**

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#### **BASIC FUNCTIONS:**

Assist with GIS workflows related to geodatabase design and management, metadata documentation, and mapping

#### **ESSENTIAL FUNCTIONS:**

- Ability to communicate effectively in both verbal and written formats with individuals or groups.
- Ability to work in a fast-paced environment and manage multiple priorities and meet deadlines.
- Ability to demonstrate strong analytical and problem-solving skills.
- Ability to exercise discretion, independent judgment, and interact effectively with all levels of personnel.

#### **RESPONSIBILITIES:**

- Compilation, editing, organization, and management of company-wide asset data into geodatabases and online feature service layers using ArcGIS Pro and ArcGIS Online (AGOL).
- Conversion of data from a variety of platforms and sources to ESRI geodatabases.
- Proper documentation of metadata and related attributes.
- Preparation of maps in ArcGIS Pro and AGOL.

#### **EDUCATION:**

Two or more years of education with a minimum 3.0 GPA and an interest in geospatial technology, water and natural resources, and mobile data collection in support of habitat restoration.

#### **EXPERIENCE / SKILLS:**

- Experience with database schema design and the integration of multiple databases.
- ArcGIS Pro and ArcGIS Online (AGOL) mapping and editing workflows.
- AutoCAD Civil 3D experience is a plus.
- PC/Windows-based software experience required with proficiency in Word and Excel.

**EXEMPT / NON-EXEMPT:** Non-Exempt

**PLEASE COMPLETE THE FOLLOWING 'APPLICATION AVAILABILITY FORM' AND SUBMIT WITH A COVER LETTER AND RESUME BY OCTOBER 29, 2021 TO:**

**Email** (preferred method): [resumes@wildlandseng.com](mailto:resumes@wildlandseng.com); subject line: GIS Intern

**Mailing Address:** 1430 S. Mint Street, Suite 104, Charlotte, NC 28203

The cover letter should identify preferred office location (Charlotte or Asheville), your area of study, any relevant software or previous work experience, why you are interested in this position, your approximate available work dates, and any other information that you feel is important. Please be prepared to provide contact information for two references, if requested.

*Wildlands Engineering provides equal employment opportunity without regard to race, color, religion, age, national origin, sex, sexual orientation, gender identity/expression, disability, veteran status, genetic information, or any other basis protected by federal, state, or local laws.*

*Wildlands Engineering maintains a drug-free workplace.*



## APPLICANT AVAILABILITY FORM

<b>Name</b>	
<b>Phone Number</b>	
<b>Email address</b>	
<b>Position Applying For</b>	

### General Availability

Please provide the hours you are available to work within normal business hours (8:00am-5:00pm). Please indicate if you are willing to work before/after normal business hours as well as the total number of hours you prefer to work.

	HOURS AVAILABLE	NOTES
<b>Monday</b>		
<b>Tuesday</b>		
<b>Wednesday</b>		
<b>Thursday</b>		
<b>Friday</b>		
<b>TOTAL HOURS PER WEEK</b>		

**Additional notes:**

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