



Creating ecological solutions through innovative engineering

Field Scientist/Engineering Summer Intern

Wildlands Engineering is seeking motivated individuals to assist our growing Charlotte and Raleigh teams through field scientist/engineering summer intern positions. We are looking for students enrolled in a B.S. or M.S. program for environmental or biological sciences, civil or environmental engineering, landscape architecture, or related applicable scientific or engineering discipline. The position is a paid, full-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.

Major services provided include:

- Stream, Wetland, and Habitat Mitigation
- Stream and Wetland Restoration
- Water Quality Management and Mitigation
- Watershed and Environmental Planning
- Stormwater Management

Job Description

BASIC FUNCTIONS:

Assist with existing conditions assessment, design elements, construction document production, GIS mapping, monitoring and maintenance of stream, wetland, and riparian buffer mitigation projects.

ESSENTIAL FUNCTIONS:

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

RESPONSIBILITIES:

1. Field data collection, geomorphic surveys, and groundwater monitoring.
2. Preparation of report figures in ArcGIS.
3. Preparation of construction plan sheet sets in AutoCAD Civil 3D.
4. Basic engineering analyses including but not limited to hydrologic analysis, HEC-RAS hydraulic model preparation, culvert capacity analysis, quantity take-offs, and construction cost estimates.
5. Invasive species maintenance.

EDUCATION:

Two or more years of education with a minimum 3.0 GPA and an interest in water and natural resources, habitat restoration, field assessment, and/or environmental permitting.

EXPERIENCE / SKILLS:

1. Experience with surveying equipment preferred.
2. Knowledge of various field monitoring protocols preferred.
3. ArcGIS and or/AutoCAD Civil 3D experience preferred.
4. PC/Windows-based software experience required with proficiency in Word and Excel.

PHYSICAL DEMANDS:

1. Up to eight hours of intermittent standing or walking outside on unlevelled ground in an eight-hour workday.
2. Exertion of 21 to 60 pounds of force occasionally to move objects.
3. The requirements of the job and the physical demands are frequently performed in outside weather conditions with frequent exposure to wet/humid conditions and extreme heat or cold.

EXEMPT / NON-EXEMPT: Non-Exempt

PLEASE SEND RESUME AND COVER LETTER BY February 1, 2019 TO:

Wildlands Engineering- Field Scientist/Engineering Intern, 1430 S. Mint Street, Suite 104, Charlotte, NC 28203
resumes@wildlandseng.com.

The cover letter should identify preferred office location (Charlotte, Raleigh, or either), your area of study, any relevant software or previous work experience, why you are interested in this position, your approximate available work dates for summer 2019, and any other information that you feel is important. Please be prepared to provide contact information for two references, if requested.

Wildlands Engineering, Inc. is an equal opportunity employer and maintains a drug-free workplace.