



**RESILIENT
FORESTRY**
resilientforestry.com

3614 California Ave SW, No. 160
Seattle, WA 98118

(206) 730-6154

contact@resilientforestry.com



Job Announcement

Geospatial Analyst

December 20th, 2021

Responsibilities

- Developing cloud-based workflow for producing ecosystem metrics from lidar, imagery, and other geospatial data sources
- Maintaining and supporting software tools for internal company use
- Conceptualizing and developing new methods for application of remotely sensed data sources to forest ecology and management projects
- Potential to author and publish research articles describing new methods and/or applications as appropriate
- Participating in implementation of geospatial analysis and reporting for client projects
- May include some fieldwork as desired, e.g., ground truth verification
- Occasional company IT tasks as needed

Minimum Qualifications

- Experience processing and analyzing lidar data
- Experience processing and analyzing spectral remote sensing data
- High level of facility with Python scripting language
- Experience working with and managing large datasets
- Experience with Git revision control system (or similar)
- Experience designing and implementing moderately-sized coding projects, including writing clear, definitive software requirements and testing
- Good understanding of parametric and non-parametric statistics

Desired Qualifications

- Experience with Google Cloud computing platform
- Experience with FUSION/LTK software for lidar processing
- Experience with Python scripting language in scientific context
- Experience with technical writing
- Experience modeling ecosystem attributes using robust statistics appropriate to available data source(s)
- Familiarity with PNW ecosystems/forest management

Job Details

- \$28-32/hr
- 40 hrs/wk
- Flexible schedule
- SIMPLE IRA with 3% employer matching, group healthcare plans with dental and vision, 120 hours per year vacation
- 12-month temporary position with potential to transition to permanent employment
- Desired start date: 1/3/22 to 3/31/22
- Work will be carried out remotely from home

Application Instructions

To apply for this position please provide the following, in order, combined into a single PDF file:

1. Single-page cover letter
2. Resume
3. Two references including name, relationship, email address, and phone number

Name the file "Firstname Lastname – Geospatial Analyst Application.pdf" (e.g. "Miles LeFevre - Geospatial Analyst Application.pdf"). Send this file to contact@resilientforestry.com in an email titled "Geospatial Analyst". Applications will be considered in the order received.