Altavian Geospatial Analyst Intern

Description

This is a great opportunity to step foot into the world of Unmanned Aerial Systems, photogrammetry and remote sensing technologies. Altavian currently has a Geospatial Analyst 12-Week Internship available. Qualified applicants who successfully complete the program may have the opportunity to convert to a full time position.

Applicants interested in applying for this job must submit a cover letter, three references, a resume and salary requirements to geospatial@altavian.com

Job Openings

- 1 Positions based in Gainesville, FL

Citizenship Requirements

Must be a U.S. Person as defined by 22 CFR 120.15

Desired (but not Required) Certifications and Licenses

- Licensed State of Florida Professional Surveyor and Mapper (PSM) or State of Florida Surveyor-In-Training (SIT)
- GIS Professional (GIS Certification Institute)
- Any ASPRS Certification Associated with Photogrammetry or Remote Sensing
- Any other relevant GIS or Remote Sensing Certifications

Desired (but not required) Educational Background

- Masters in Geomatics, Geography, Remote Sensing or GIS

Desired Skillsets

- Self-starter / able to work with minimal supervision
- Experience in:
  - GIS, Photogrammetry and/or remote sensing
  - Working with ESRI ArcGIS
  - Post-processing orthoimagery
  - NDVI Analysis
  - RTK GPS
Duties and Responsibilities

- Will be responsible for following and amending documented workflows for post-processing UAV data using various software packages
- Will be responsible for assessing and validating positional accuracy of data using ground control points and performing RMSE calculations
- Will need to be able to upload orthoimagery into ArcServer and also perform NDVI analysis and perform spectral adjustments to RGB, CIR and NDVI imagery
- Responsible for developing procedures for laying out ground control points (GCPs) using RTK GPS antennas