



Applied · Geosolutions

## Geospatial Data Scientist

### Summary

Applied Geosolutions (AGS) is looking for an enthusiastic scientist or engineer with experience in data analysis and image processing algorithms to build applications using Python/C++ to process, disseminate, and visualize geospatial data. The successful candidate will work with the team to develop and implement algorithms and applications that utilize large geospatial datasets for agriculture and forest applications. The position requires interdisciplinary skills to develop a suite of advanced Earth data products for conservation and sustainable land management.

### Minimum Experience Requirements

- Degree in applied mathematics, computational science or related field
- Three years scientific programming experience
- Three years of data analysis experience
- Knowledge of geospatial data sources, characteristics, and methods
- Excellent programming skills in Python
- Strong Linux/Unix background
- Strong team experience and capabilities to work with a variety of backgrounds, including programmers, scientists and business staff
- Strong communication skills

### Preferred Qualifications

- Experience programming in C/C++
- Experience programming in Javascript
- Experience with open source geospatial libraries, e.g. GDAL, OGR, Fiona, Shapely
- Familiarity with geospatial data formats
- Familiarity with database design and programming
- Experience and interest in natural sciences and geography
- Experience developing applications independently, as well as in a team
- Experience in a business setting or for commercial applications of technology

### Contact

Send resume or CV and cover letter describing your interest in the position to:  
[jobs@appliedgeosolutions.com](mailto:jobs@appliedgeosolutions.com)

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