



## **Geospatial Data Scientist**

### **Summary**

Dagan is looking for an enthusiastic scientist or engineer with experience in data analysis and image processing algorithms to build geospatial applications using Python/C++ The position is salaried and includes benefits. The successful candidate will work with the team to develop and implement algorithms 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++, Javascript;
- Experience with open source geospatial libraries, e.g. GDAL, OGR, Fiona, Shapely
- Experience with cloud computing;
- 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 with software development life cycle;

### **Contact**

Send resume and cover letter describing your interest in the position to:  
[steve@daganinc.com](mailto:steve@daganinc.com)

### **About Dagan**

Located in Durham, New Hampshire, Dagan is a new soil health and agricultural ecosystem services company, working to be a leader in providing sustainable agriculture data insights to organizations who bank on farmers. Our mission is to make resilient agriculture ubiquitous for soil health outcomes, thriving people, communities, and the environment.