GAF AG
an e-GEOS (ASI / Telespazio) Company

Headquartered in the heart of Bavaria, **GAF AG** is a leading international provider of cutting-edge Earth Observation-based geo-information solutions for German, European and international customers. With our broad portfolio of operational satellite-based applications, our dynamic culture of young and experienced colleagues in multi-national interdisciplinary teams and our flexible working models, GAF is one of the most attractive employers in this domain.

To further strengthen our team **in the field of geodata analysis** at our headquarters in Munich, we are looking for a

Geospatial Data Scientist

with focus on remote sensing for the processing and analysis of geospatial data.

The results of our work are used by authorities, companies and in science worldwide for further analysis and decision-making. Using our data analysis capabilities, we provide thematic and statistical information at various spatial reference levels locally and globally. Processing large volumes of satellite data with innovative analysis methods in cloud infrastructures has been indispensable for several years and enables, for example, the creation of land cover products on a continental scale as part of the EU's Copernicus program.

These will be your tasks:

- Development of methodologies for deriving information from satellite, climate and other geospatial data
- Developing together with your team members (Data Scientists, Software Developers and DevOps Engineers) highly efficient data analytics workflows for the derivation of spatial data sets in raster and vector format based on satellite data and represent these to stakeholders such as project managers and customers
- Evaluating and testing of new technologies and assessing them in terms of their benefit for the company
- Guide and supervise junior developers

The experience and skills you bring:

- ✓ A master's degree in Science or Engineering, such as Geoinformatics, Remote Sensing, Computer Science, Data Science or similar
- ✓ At least five years of professional experience in developing methods and software for the exploration of geographic raster and vector data
- ✓ Profound experience with remote sensing and geodata
- ✓ Knowledge of ML and DL methods for regression analysis, image segmentation, image classification and object detection
- ✓ Extensive knowledge and experience with Python
- ✓ Profound experience with software development tools like Git, PyCharm or VSCode
- ✓ Very good spoken and written English skills
- ✓ Ability to work in a cross functional team with a broad variety of technical skills within an open and creative work environment

Desirable and advantageous, but not a prerequisite:

- ✓ Knowledge about GIS software such as QGIS, SNAP
- ✓ Familiarity with databases preferably PostgreSQL
- ✓ Experience with cloud development and CI/CD (Docker, K8s, Airflow, Jenkins)
- ✓ Experience with WSL and basic Linux commands

What we offer you:

- Content-wise diverse, technically demanding and responsible tasks in one of Europe's leading geo-information companies
- Comprehensive support when you start at GAF, as part of our mentoring programme
- An international and respectful project working environment in a multi-national team of committed colleagues
- A leadership style based on trust
- Training and development - your experience and knowledge count
- Flexible working hours as part of our flexitime policy as well as partial mobile office option, to make it easier to combine work and your private life
- Various additional social benefits, such as (optional) company pension scheme, worldwide travel health insurance, occupational health management, free coffee (professional Italian espresso machine), and more
- An attractive location in the western part of central Munich, with excellent public transport links, and great options for outdoor and recreational activities in the direct vicinity

Have we aroused your curiosity about this position?

Then we would be delighted to receive an application from you, including a cover letter and CV together with any other useful supporting documents and stating your (gross) salary expectation and earliest possible starting date. Please send your application to recruiting@gaf.de, stating „Geospatial Data Scientist" in the subject line.

Please note that only applicants with relevant experience in the domain of Remote Sensing can be considered.

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