

GIS Analyst-Job Description

About us

Founded in 2020, GalaxEye aims to shape the future of Satellite Image Acquisition, providing the most meaningful dataset, thus helping businesses and governments make data-driven decisions based on insights from satellite imagery. We will operate on a Data-as-a-service model, providing Satellite Imagery Datasets and Value-added services to serve Geospatial Analytics Companies and Infrastructure enterprises. We are incubated at the IIT Madras Incubation Cell and have also raised capital in the Pre-Seed round of Funding. Also, find our feature in Forbes.

As a member of the product team, you will manage and leverage GIS resources for manipulating, extracting, locating and analyzing geographic data. The usual day-to-day tasks include implementing new image processing algorithms, fine-tuning them on our data, rapid solution prototyping and improving based on real-world performance.

Responsibility

- Select, test, implement and optimize image processing and image analysis using both classical and deep learning methods to extract relevant signals from imaging data.
- Develop GIS applications and geoprocessing tools.
- Analyze end-user issues and provide solutions using modern image processing techniques like ML/DL.
- Understand client needs and design GIS applications in accordance.
- Assist in quality assurance checks on GIS systems and recommend updates or new techniques when applicable.

Skills

- Experience with GIS tools such as QGIS, SNAP, ArcGIS etc.
- Write robust, well-documented, and well-tested code libraries that adhere to community standards and best practices.
- Strong Foundation in GIS and remote sensing.
- Logical Thinking & Ability to Comprehend key facts.
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- Experience with data science tools including Python scripting, CUDA, NumPy, SciPy, matplotlib, scikit-learn, bash scripting and Linux environment.
- Ability to collaborate effectively across the team.
- Detail-oriented team member who can consistently meet deadlines.

Read more at <https://galaxeye.space>!

In case of any queries, please reach out to info@galaxeye.space