Gybe

Better Data,
Cleaner Water
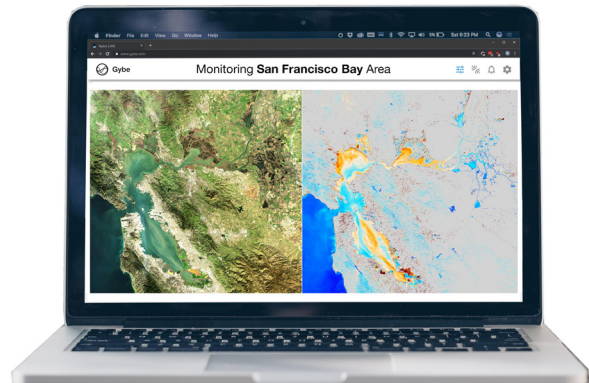
We're Hiring
a GIS Product Developer/Analyst

- Fast Growing Startup in Water quality monitoring
- New tech combining sensor + remote sensing data

- Flexible Hours
- Fully remote team: Work from anywhere
- Full Time position

Come join us, and help us use cutting edge technology to solve a challenging problem that really matters.

What's Gybe?

We're a one and half year old startup that is helping customers effectively tackle water pollution issues. We are growing and developing a range of water quality data products that use satellite imagery and field sensors to change how businesses and governments make decisions daily. Join us in working towards a clean water future.
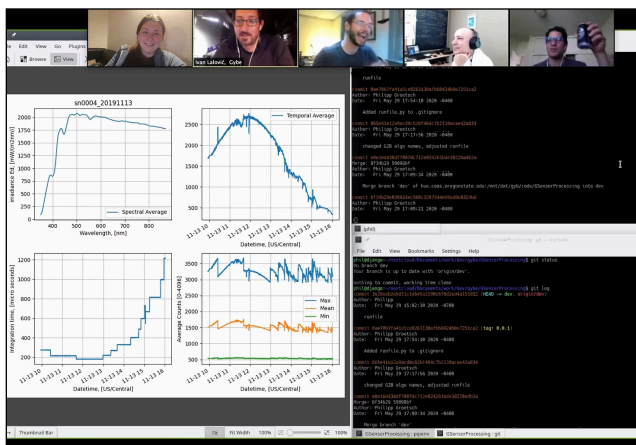

What we offer

Gybe is a workplace unlike any other. At Gybe you'll solve complex challenges, alongside thoughtful, intelligent individuals. As one of the early employees in a high-growth startup, we offer you a unique opportunity to grow with our team. Here, your job title doesn't define who you are, it's a starting point - get involved in things you wouldn't have the opportunity to do elsewhere. As part of a small and growing team, your unique point of view is highly valued, and you'll have plenty of opportunity to lead as we scale up the company.

Position summary + Responsibilities

As part of the **product development and operations teams**, you will help develop a scalable digital architecture that is capable of ingesting, storing, and near-real time processing of large geospatial datasets. Specifically, this position will focus on **managing and assimilating** high spatial and spectral resolution raster image data from a variety of satellite, aerial, and ground-based sensor platforms.

Additionally, this position will be responsible for planning and implementing an **interactive web-based geospatial data analysis and visualization platform**. An ideal candidate will have the ability to work both independently and as a member of a small team to formulate, implement, and assess data product features in a fast-moving start-up environment.

The ideal candidate has demonstrated experience with geospatial database solutions, web-based data visualization applications, as well as in the fundamentals of optical satellite remote sensing. Familiarity with freshwater aquatic ecosystems, landscape-scale ecology, hydrology, and environmental monitoring concepts is a plus.

Our virtual Gybe office.

Qualifications & Skills

- Full-stack GIS expert: data ingestion, operational data management, analytics, and visualization

- Strong project management and communication skills

- Experience using open source and/or commercial GIS platforms to create and perform geospatial analyses, as well as create high-quality cartographic products

- Demonstrated ability in developing the architecture and deployment of enterprise-scale geodatabase systems

- Demonstrated ability in designing, prototyping, and deploying customized web-enabled geospatial data "dashboards" or other interactive data visualizations

- Working knowledge in Python-based development and data analytics, as well as frontend geospatial mapping and data visualization libraries (i.e., Leaflet, OpenLayers, Mapbox, Carto, Tableau, D3.js, ...)

- Knowledge of and hands-on experience with both publicly available and commercial optical satellite imagery, ideally as they relate to water and ocean color remote sensing

- Familiarity with core environmental science fields (ecology, aquatic biology, hydrology)

- MS in applied computer science, data science, informatics or other quantitative areas is preferred, however candidates with demonstrated equivalent experience will also be considered.

Get in touch
Interested in joining our team?
Connect with us at
jobs@gybe.eco
Or find out more at
www.gybe.eco/careers