Gybe

Better Data, Cleaner Water

We're Hiring

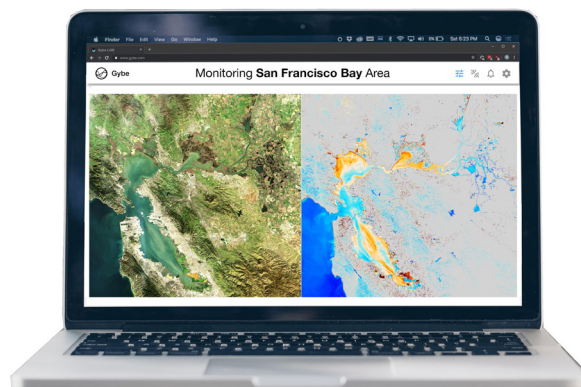## Full-Stack Geospatial Developer

- 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?

At Gybe we're working towards a clean water future. We're a Techstars and US Department of Energy-backed startup, that is helping customers effectively tackle water pollution issues. We have customers across the US and we continue to grow. We're developing a range of water quality data products that use satellite imagery and field sensors to change how businesses and governments make decisions daily.

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.
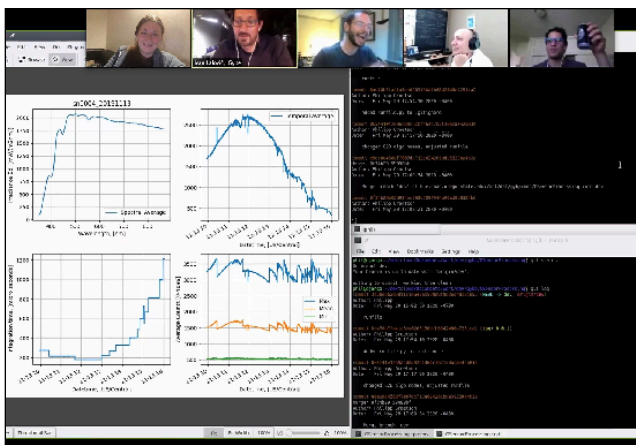
Position summary + Responsibilities

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 a flexible geospatial database solution and contribute to an interactive web-based geospatial data visualization and analytics 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, is well versed in the fundamentals of optical satellite remote sensing, and has hands-on experience with web-based data visualization applications.

Familiarity with freshwater aquatic ecosystems as well as landscape-scale ecology, hydrology, and environmental monitoring concepts is a plus.

Our virtual Gybe office.

Qualifications & Skills

Requirements

- Full-stack geospatial data expert: data ingestion, operational data management, analytics, and visualization of satellite-derived and in situ-sampled environmental monitoring data.
- Hands-on experience with both publicly available and commercial optical satellite imagery, ideally as they relate to water and ocean color remote sensing.
- Demonstrated ability in designing, deploying, and operation of geospatial database systems.
- Expert knowledge in Python and related libraries (Numpy, Scipy, Pandas, Matplotlib, …).
- Experienced in scalable distributed systems and parallelization in cloud environments.
- Experience in a distributed DevOps environment using a complete development pipeline (git, CI/CD, Kanban, Agile...).
- Strong project management and communication skills.

Nice to haves

- Experience using open source and/or commercial GIS platforms to create and perform geospatial analyses, as well as create high-quality cartographic products (GDAL, QGIS, ArcGis, …).
- Demonstrated ability in designing, prototyping, and deploying customized web-enabled geospatial data "dashboards" or other interactive data visualizations.
- Working knowledge in frontend geospatial mapping and data visualization libraries (i.e., Plotly, Leaflet, OpenLayers, GeoServer, Mapbox, Carto, Tableau, D3.js, ...).

Get in touch

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