Frontier Farmland
Senior Remote Sensing Scientist

Company:

Frontier Farmland is an early stage farmland investment and management company focused on acquiring and actively managing farmland throughout the world. The company's investment thesis is based on the following:

- Significant investment in digital agricultural technologies is changing the risk profile and profitability of farming operations and farmland portfolios.

- Value creation will accrue to the best technologies, platforms and owners of production assets/farms that are the first to successfully adopt new technologies.

- The integration of digital agriculture technology into a farmland investment strategy increases average returns while lowering incremental risk.

Frontier is composed of experts in digital agriculture and farmland investment and management. The company has raised seed capital from The Production Board - an ag/food tech firm invested in companies such as eatsa, Soylent, and Norquin. This will support building out the leadership team and strategy before a planned fundraise in mid-2018. Our offices are located in San Francisco.

Role Description:

The company is seeking to hire a Senior Remote Sensing Scientist to help build and source remote sensing tools that enable the company to make better land purchase and land management decisions. The candidate will work with senior management to develop a go to market strategy as it relates to land acquisition opportunities as well as work with external technology companies to integrate remote sensing tools into land management plans. This candidate will ideally have a mix of academic and/or commercial experience working on agricultural problems and datasets. The candidate must be based in the Bay Area.

Must Have Skills/Experience:

- Experience working across multiple satellite imagery platforms (Landsat, Sentinel, Rapideye, etc) as well as multispectral and hyperspectral data sets.

- Experience with GIS/geospatial tools (QGIS, ArcGIS, Google Earth Engine, etc)

- Ability to work effectively and independently with large imagery datasets

- Demonstrated interest or experience in agriculture/food/real assets

- Strong analytical and data organization/interpretation skills

- Strong communication and presentation skills

- Be flexible, creative, resourceful and disciplined in a high growth, entrepreneurial setting

Nice to Have Skills/Experience:

- Experience working with other geospatial datasets relevant to agriculture (SSURGO, etc) and farm management datasets (yield maps, planting maps, as applied maps, etc)

- Experience generating the following analytics: crop identification, crop indices (absolute and relative), yield estimation

- Software engineering experience

- Familiarity with existing literature around use of remote sensing in agriculture

- Experience working with crop models

- Experience working with non-satellite imagery platforms: aerial, drone, handheld

- Working knowledge of existing farm management software tools

- Experience managing agricultural data collection projects

- Experience working in international markets

What we offer:

- Fun, creative and collaborative work environment

- Competitive pay and equity compensation

- Medical, Dental & Vision Benefits

- Catered lunches (on Thursdays) and exceptional snacks

- Regular company outings and team building events

- Competitive PTO and flexible work schedule

<u>Contact:</u>

Interested candidates should email resume to mike@theproductionboard.com.