

SAR Image Processing Engineer

株式会社Synspectiveでの募集です。 IT系プロジェクトマネージャーの…

募集職種

人材紹介会社
株式会社ジェイ エイ シー リクルートメント

採用企業名
株式会社Synspective

求人ID
1622785

業種
機械

雇用形態
正社員

勤務地
東京都 23区

給与
550万円 ~ 900万円

勤務時間
09:00 ~ 18:00

休日・休暇
【有給休暇】有給休暇は入社時から付与されます 入社時点で5日付与されます。 ※入社初年度は入社月によって付与数が変動し、最大1…

更新日
2026年11月12日 15:02

応募必要条件

キャリアレベル
中途経験者レベル

英語レベル
流暢レベル

日本語レベル
ネイティブレベル

最終学歴
高等学校卒

現在のビザ
日本での就労許可が必要です

募集要項

【求人No NJB2425462】
■担当業務
This is a hands on production focused engineering role rather than a research position. You'll need a genuine SAR foundation but your impact will come from system and pipeline engineering: integrating the processing algorithms hardening them and scaling across all acquisition modes and product types.

If you have a SAR/research background and want to move toward production and systems work you'll fit well with us. If you've moved into research management or adjacent roles and want to return to hands on SAR engineering you're welcome too. If your goal is to stay in pure algorithm research this role is not a good fit for you.

While knowledge of SAR principles is essential the primary output is production grade software and system architecture. As a radar engineer in our unit you will work with radar data processing and image analysis for large datasets while contributing to the design and development of future satellites' radar systems.

■具体的な業務内容_Details of work
・Own and evolve the architecture of the SAR image processing pipeline
・Integrate and productionize SAR processing algorithms across acquisition modes and product types
・Investigate SAR image and processing issues relating signal level behavior（Doppler geometry focusing）to satellite and acquisition behavior
・Contribute to the end to end development of new SAR data products to expand our commercial offerings.
・Develop and automate tooling to analyze troubleshoot and verify products
・Collaborate with the design of a continuously growing ground system to include new operational modes
・Provide feedback on the system engineering of future satellites' radar systems

■仕事の魅力_Selling points of this role
・Work hands on with spaceborne SAR with advanced processing technology at one of the leading companies in this field with full access to real sensor data and the complete signal chain.
・Act as the bridge between algorithm development satellite development and production
・Collaborate with engineers with diverse specialities（satellite engineering signal and image processing data science machine learning …）.
・Participate in our "Shift Left" quality roadmap by designing and implementing automated E2E testing frameworks for satellite product validation
・International English working environment in Tokyo

スキル・資格

■必須要件_Essential qualifications
・Bachelor's or Master's in Electrical Engineering Telecommunications Remote Sensing Physics or a related field
・You've owned a piece of a production system or processing pipeline end to end. Typically 3+ years in signal/image processing radar or a related software heavy domain
・Solid grasp of SAR fundamentals: image formation acquisition modes and the SAR processing chain or closely transferable coherent / aperture synthesis imaging experience（radar array processing ultrasound seismic）
・Solid foundation in digital signal or image processing
・Ability to write maintainable code in teams（not just scripting）in at least one language used for scientific/production work（e.g. Python C++ Rust）
・Good verbal and written English
・Can work in office in Tokyo

■To stand out
・Experience with spaceborne or airborne SAR data specifically
・Experience in Python and Rust
・Familiarity with SAR calibration geometric/radiometric accuracy or image quality assessment
・Experience in satellite or remote sensing industry
・Good verbal and written Japanese

会社説明

Synspectiveは、自社によるSAR衛星コンステレーションを持つソリューションプロバイダーです。小型SAR衛星の開発・運用からコンステレーションを構築しデータを生成し提供しています。また独自のデータ解析能力を用いて世界が抱える様々な課題に対して、データに基づいたソリューションを提供しています。Synspectiveの主な事業内容は、小型SAR衛星と関連システムの開発・製造・打上を通じた衛星コンステレーションの運用と、その取得データの販売、そしてデータ解析ソリューションの開発・販売です。