[AgriTech, Satellite x AI] Software Engineer

Global team, Flex&remote work available

募集職種

人材紹介会社
ユナイテッドワールド株式会社

求人ID
1542254

業種
その他（IT・インターネット・ゲーム）

会社の種類
中小企業 (従業員300名以下)

外国人の割合
外国人 半数

雇用形態
正社員

勤務地
東京都 23区

給与
400万円 ~ 900万円

更新日
2025年08月15日 05:00

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
ビジネス会話レベル (英語使用比率: 75%程度)

日本語レベル
基礎会話レベル

最終学歴
大学卒 ： 学士号

現在のビザ
日本での就労許可が必要です

募集要項

This is an AgriTech startup aiming to solve agricultural and environmental challenges by combining satellite data (SATELLITE), machine learning (AI), and land parceling technology (GRID).

By providing innovative solutions that support the efficient management and utilization of farmland, they strive to enhance agricultural productivity and improve the quality of life for farmers not only in Japan but around the world. At the same time, they are also addressing global issues such as food security and climate change.

Currently, they have local subsidiaries in India and Singapore, and they are expanding their business into emerging markets across diverse regions, including Thailand, India, and Kenya.

[Back ground of requruiting]
They are now developing an advanced MRV (Measure, Report, and Verify) and decarbonization platform for agricultural enterprises, aimed at revolutionizing sustainability practices in the agricultural sector.

They are seeking a Software Engineer to join their dynamic team and contribute to the development of our innovative AgriTech solutions, with a focus on their new MRV and decarbonization platform.
This platform will integrate advanced AI, satellite remote sensing, and comprehensive carbon footprint tracking to provide a holistic solution for agricultural enterprises, government agencies, and farmers.

[Key Project Focus]
- Development of an AI-driven platform for visualizing and managing Scope 3 Category 1 emissions for large agricultural enterprises
- Creation of mobile and web applications for yield estimation and soil health analysis using satellite data
- Implementation of advanced analytics and machine learning models for emission prediction and reduction recommendations
- Integration of data from various sources including satellite imagery, IoT devices, and local soil analysis facilities

[Responsibilities]
- Develop and maintain key components of our MRV and decarbonization platform
- Work on complex data processing pipelines to handle satellite imagery and IoT data
- Implement machine learning models for yield estimation, soil health analysis, and emission prediction
- Create intuitive user interfaces for both web and mobile applications
- Ensure seamless integration with third-party systems and applications through API development
- Collaborate with cross-functional teams to align product development with user needs and regulatory requirements

[Development Environment]
Their products already include multiple offerings, and there is significant potential for growth, with a wide range of development themes. They offer an environment where you can take on challenges even in areas you may not have experience in, provided you have the drive.

[Tech Stack]
- Languages: TypeScript, Python
- Libraries/Frameworks: React.js, Next.js
- Database: PostgreSQL (PostGIS)
- Infrastructure: AWS (EC2, EKS, S3, RDS, etc.)
- Version Control: Git, GitHub
- Communication Tools: Slack, Notion

Culture
The Engineering team tackles diverse and impactful challenges using their technical skills and creativity without being restricted by job titles. The team consists of passionate, eager-to-learn members who thrive in a collaborative and fast-paced startup environment, making significant social impacts.

Employment Type: Permanent
Trial period: 3 months
Estimated annual income: ¥4M - ¥9M
Work location: Tokyo
Working hours: Flexible time system (with core time)
Starting time: 6:00 AM - 10:00 AM
Ending time: 3:00 PM - 10:00 PM
Core time: 10:00 AM - 3:00 PM
Break time: 1 hour
Holidays: 2 days a week (Saturdays and Sundays), national holidays
Vacation: Summer vacation, year-end and New Year holidays, and other vacations available
Overtime: Average month
Benefits: Complete social insurance, commuting allowance (according to company regulations), and other benefits

Number of applicants: A few
Documents required for application: CV
Online interview: Available
Interview language: English(/Japanese)
Number of interviews (flow): 3 times
* May change depending on the situation of the candidate

スキル・資格

[Requirements]
- 3+ years of software engineering experience, preferably in AgriTech or environmental sustainability sectors
- Strong proficiency in Python, TypeScript, and experience with cloud platforms (AWS)
- Experience with machine learning frameworks and data processing technologies
- Familiarity with satellite image processing and geospatial data analysis is a plus
- Knowledge of carbon accounting principles and environmental reporting standards
- Excellent problem-solving skills and ability to work in a fast-paced, innovative environment
- Conversational level Japanese language proficiency
- Business level English language proficiency

[Who they're Looking For]
- Individuals who resonate with their vision, mission, and values
- Passionate about solving societal issues through software engineering

- Highly motivated to learn new skills and value team communication
- Responsive to customer feedback
- Thrive in a fast-paced environment and embrace significant changes

If you are passionate about leveraging technology to combat climate change and revolutionize sustainable agriculture, they want to hear from you. Join them in their mission to create a more sustainable and resilient agricultural ecosystem for generations to come.

This company is an equal opportunity employer and values diversity in all forms. They encourage candidates from all backgrounds to apply and help them cultivate a more inclusive and sustainable future.

会社説明