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Data Scientist / IoT Sensor Data and Water Quality Analysis

Flextime & Hybrid Work★In-house Service

募集職種

人材紹介会社
G Talent（ビズメイツ株式会社）

採用企業名
⁂Small-Scale Decentralized Water Circulation System Development

求人ID
1545618

業種
インターネット・Webサービス

雇用形態
正社員

勤務地
東京都 23区, 渋谷区

給与
600万円 ~ 1100万円

勤務時間
Flextime System

更新日
2025年07月09日 01:00

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

日本語レベル
ビジネス会話レベル

最終学歴
高等学校卒

現在のビザ
日本での就労許可は必要ありません

募集要項

【About the Company】

Development of Small-Scale Decentralized Water Circulation Systems
Development of Autonomous Control Systems for Water Treatment

【Job Description】

As a data scientist, you will be responsible for the following tasks based on IoT sensor data and water quality analysis data:

・Performance evaluation and abnormality detection by analyzing operating data of water treatment equipment
・Development of quality estimation model based on water quality data (sensor + lab analysis)
・Development of predictive maintenance models to optimize equipment maintenance
・Design of reclaimed water usage trend and demand forecasting model
・Design and build data pipelines and dashboards (AWS, Redash)
・Collaboration with engineering and manufacturing teams to propose improvements to equipment control algorithms

■Recruitment Background
The company has been developing water infrastructure independent of public water and sewage systems with the mission of "fundamentally solving water issues by transforming humanity's resource utilization into a circular economy." In addition to deployments at disaster sites and water-scarce regions both domestically and internationally, overseas expansion has become full-scale in recent years, attracting global attention (including participation in COP28 and receiving the Earthshot Prize).

Currently, the company is in a post-Series C growth phase, aiming for further non-linear evolution while envisioning an IPO. The core of this endeavor lies in the presence of colleagues who act autonomously and can take on challenging issues. With an organization of around 100 people, under the organizational philosophy of "Hyakunin Keiei" (hundred-person management), where each individual acts proactively and enjoys challenges, the company is seeking the next colleagues to spread "water freedom" to the world.

■The Company's Potential
Global Leadership
└ The company's products are attracting global attention as a technology that can revolutionize disaster response and infrastructure development in regions with delayed infrastructure. With high evaluations in overseas markets, including participation in COP28 and receiving "the most prestigious environmental prize in history," the Earthshot Prize founded by Prince William, it holds the potential to spread a sustainable water circulation model worldwide.

Socially Significant Technology
└ The technology to streamline water circulation and reduce wastewater is a crucial key to overcoming climate change and water resource issues. You can be involved in a highly socially significant business that supports the creation of a society where people can enjoy "water freedom," and we pride ourselves on the many rewarding and fulfilling opportunities that will arise in the business growth phase from Series C onwards, aiming for IPO in the future.

Organizational Structure Where Each Individual Can Demonstrate Autonomy
└ Despite being a manufacturing company, it brings together a diverse group of around 100 talented individuals and embraces "Hyakunin Keiei" (hundred-person management) as its organizational philosophy, where the entire organization evolves through serious challenges. It values "high purity of talent" to enable "serious play," creating an "environment that boldly encourages challenges" based on the idea of "responsibility and growth," and cherishes "personnel that faces the existential reality of each individual" based on "human love," rather than just uniform personnel evaluations.

【Working conditions & treatment】

Flextime System

・Full social insurance
・Commuting allowance

・Saturday/Sunday/National Holiday
・Annual Paid Leave
・New Year Holiday)

スキル・資格

Required
・Experience in data analysis and machine learning using Python/R, etc.
・Experience in time series data analysis
・Experience in preprocessing and modeling of IoT/sensor data
・Data extraction and processing skills using SQL
・Basic understanding of mechanical, electrical, and water treatment equipment (any field is welcome)

Preferred
・Knowledge of water treatment, water analysis, and environmental engineering
・Experience with AWS and Treasure data
・Experience in building MLOps and data pipelines
・Experience working with embedded engineers and product development departments
・Experience in municipal or social infrastructure projects
・English conversation skills, or Japanese language skills for non-Japanese (N2 or above recommended)

Ideal Applicants
・Strong interest in solving social issues
・Able to identify and act on issues on their own, even in highly uncertain environments
・Able to bridge the gap between the field, real objects (hardware) and data
・Communication skills to collaborate with members from diverse backgrounds