



Polymerize

【AI x 材料】 マテリアルサイエンスエンジニア

シンガポール発スタートアップの日本法人立ち上げメンバーとして活躍！

Job Information

Hiring Company

ポリマライズ

Job ID

1479731

Industry

Chemical, Raw Materials

Company Type

Small/Medium Company (300 employees or less) - International Company

Non-Japanese Ratio

Majority Non-Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards, Minato-ku

Salary

6 million yen ~ 10 million yen

Refreshed

November 21st, 2024 03:00

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Native

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Job Description:

Polymerize GK is seeking a talented and collaborative Materials Science Engineer to join our team. In this role, you will work closely with our AI team to leverage advanced data-driven methodologies and the Polymerize platform to optimize the probability of combining ingredients for enhanced material performance, offering significant benefits to our clients.

Responsibilities:

1. Utilize materials science expertise to understand the properties and interactions of individual ingredients and their impact on material performance.
2. Conduct research and experimentation to validate and refine predictive models, ensuring accuracy and reliability in predicting material properties.
3. Work with cross-functional teams to integrate predictive models into the Polymerize platform, enabling clients to make informed decisions in materials selection and formulation.
4. Collaborate with the AI team to develop predictive models and algorithms for optimizing the combination of ingredients in polymer materials, leveraging data from the Polymerize platform.
5. Provide technical support and expertise to clients in understanding and utilizing the capabilities of the Polymerize platform for materials design and optimization.

Location :

Toranomon, Tokyo, Japan

Required Skills**Qualifications:**

1. Bachelor's /Master's /PhD degree in Materials Science, Chemical Engineering, Polymer Science, or a related field.
 2. Strong understanding of materials science principles and experience in materials characterization and analysis.
 3. Good to have experience with programming languages such as Python and familiarity with AI and data analytics tools and platforms.
 4. Excellent communication and collaboration skills, with the ability to work effectively in cross-functional teams and with clients.
 5. Language skill: Japanese - Native level, English - Business level
 6. Self-motivated and proactive, with a passion for innovation and continuous learning.
 7. Having experience in the polymer industry or materials research is a plus.
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Company Description