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Machine Learning Engineer

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Job Information

Recruiter
G Talent at Bizmates, Inc.

Hiring Company
◆ Web Conglomerates Company ◆

Job ID
1490263

Industry
Internet, Web Services

Company Type
Large Company (more than 300 employees)

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards, Chiyoda-ku

Salary
5.5 million yen ~ 11 million yen

Work Hours
Flextime System

Refreshed
August 14th, 2024 14:50

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
None

Minimum Japanese Level
Business Level

Minimum Education Level
High-School or Below

Visa Status
No permission to work in Japan required

Job Description

【About the Company】

The company constantly wants to create new value and deliver it to the world in the form of businesses and services.

The company (client), the sender of products and services, and the consumer (customer), the recipient, are connected by new interactions and are creating a place for both people to meet each other.

From big choices of life such as going to school, employment, marriage, and residence, to everyday choices such as booking travel, beauty salons, restaurants, etc., users can eliminate various inconveniences and anxiety in their own life. They provide matching services that connect individuals and companies. In addition, by providing various business support services that utilize technology to clients, they are pursuing digitization of business and information(which used to be analog management) and trying to increase industrial productivity.

[Business description]
Management/business promotion of the media and solution business, a unit that integrates domestic and overseas promotional media business, Japanese HR technology and global staffing services.

【About the Job...】

The group's data is accumulated enormously every day from services that have the top share in Japan.
The company's cloud engineers handle this data and contribute to the creation of new value in a wide range of areas.

The Data Promotion Office is an organization responsible for data utilization, data governance management, data product development and operation in the company. Currently, there are about 300 employees, and employees with various expertise in data science/engineering/business belong to it.

■ Style aimed at by the Data Promotion Office
They aim for a style in which engineers and data scientists work across all business areas to achieve business expansion and personal growth at the same time.

■ The future image of the Data Promotion Office
・ To proceed with maintenance so that 45,000 employees can use data safely and freely.
・ Rather than only some engineers and data scientists using data, using data with all employees causes "unpredictable big changes"
・ To create an environment where data can be utilized and to create a future that one cannot imagine, data can be safely and freely used, and the ground is steadily solidified for the next generation of excellent people.
・ To "science and engineering" the core competencies that generate profits. Establish a style of growth with the power of technology and strengthen business competitiveness

[Role of work]
・ Planning and promotion of short-term and medium-term machine learning utilization measures
・ Responsible for developing applications using machine learning
・ Model design and implementation
・ Enhance and operate the system in charge

[Specific business example]
・ Project planning/promotion / review, process improvement
・ Achievement of KPI / QCD for project formulation and system development
・ Achievement of SLA system goals in the system in charge
・ Formulation of a refactoring plan to improve the value of the system in charge
・ Development and operation of the recommendation system
・ UX improvement using data science such as search optimization
・ Connection to services of algorithms based on machine learning, natural language processing, image analysis, etc.

An example of the development environment
【Development environment】
・ Programming language
Python, SQL, Hive / Spark, etc.
·infrastructure
GCP (BigQuery, etc.)
AWS (EC2, EMR, Redis, S3, etc.)
・ Team development tools
JIRA, Confluence, GHE, Bitbucket, Gitlab / Gitlab CI, Slack, etc.

【Working hours】
Flextime System

【Benefits】
Full Social Insurance
Commuting Allowance
Retirement Allowance
Employee Shareholding System

【Holidays】

◆ Annual holiday 130 days (company holiday 125 days + designated holiday 5 days)

■ Retirement lump sum system

Severance pay for employees who have been with the company for less than 5 years. The amount of payment varies depending on the length of service
(6 months or less: not paid, 6 months to 1 year and 6 months: 200,000 yen, 1 year and 6 months to 3 years and 6 months: 400,000 yen, 3 years and 6 months or more: 1,000,000 yen)

■ Frontier system
A subsidy for the purpose of supporting career development after retirement for those who have been working for 5 years or more. As a support fund, we will provide the equivalent of one year's annual income

Required Skills

(REQUIREMENTS)
For business issues, you can appropriately select statistical analysis/machine learning methods, model them yourself, and output them.
Understand the principles of descriptive statistics, inference statistics, and basic machine learning algorithms.
Based on the conceptual design, as a member, you can program at the production level as you intended.

(WELCOME)
Can create requirements definition and necessary documents for a single project.
You can organize the requirements for integrating multiple data sources and design your system.
Understand the contents of papers and conference presentations related to data science, and be able to implement and evaluate prototypes by yourself.
Appropriate programming can be performed while being aware of various restrictions such as computational complexity, memory utilization efficiency, data type, library usage, and platform to be implemented.
Understands the basics of algorithms and programming languages and is not restricted by the implementation language.

Company Description