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AI Engineer (Table data and time series data domain)

Hybrid Work★In-house Development

Job Information

Recruiter

G Talent at Bizmates, Inc.

Hiring Company

◆ Automotive Instrument Manufacturer ◆

Job ID

1517221

Industry

Internet, Web Services

Company Type

Large Company (more than 300 employees)

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards, Minato-ku

Salary

7 million yen ~ 13 million yen

Work Hours

9:00~18:00

Refreshed

January 24th, 2025 17:08

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

High-School

Visa Status

No permission to work in Japan required

Job Description

[About the Company]

The company has been in business for 80 years and is one of Japan's leading manufacturers. In particular, the company has overwhelming strength in the wire harness (assembled wires for automobiles) industry, and is not only employed by all domestic automobile manufacturers, but also delivers products to overseas automobile manufacturers and has the world's top class market share. The company also has the No. 1 share of the Japanese market

for digital tachographs and drive recorders for commercial vehicles. In addition, the company boasts a high market share in industrial electric wires and gas appliances. With approximately 20,000 employees in Japan alone and 250,000 worldwide in 45 countries and regions, the company is a global company with more than 60% of its consolidated sales of 1,945.4 billion yen (as of June 2019) coming from overseas.

☆AI and Digital Office

Established when an internal DX promotion project was launched. It is developing new solutions that make full use of the data possessed by the company's group.

[Job Description]

▼ Organization Overview and Vision

The company's group boasts the world's top share of the wire harness (auto parts) market, with approximately 250,000 employees in 45 countries and regions around the world, and sales of approximately 2 trillion yen. In the auto industry, which is undergoing a period of change, the AI and Digital Project (currently the AI and Digital Office) was established on June 1, 2019 to promote the Group's digital transformation, including the creation of new next-generation businesses and the shift to smart factories, by utilizing the Group's data and other assets and technologies, such as AI. Currently, more than 40 projects are underway.

▼ Recruitment Background

In order to create unprecedented new business, they are actively recruiting professionals in various fields from outside, such as AI engineers and people with experience in business promotion in the mobility field. However, there is still a lack of human resources in response to the ever-expanding projects.

▼ Responsibilities

As an AI Engineer, you will be assigned to one of the following two projects dealing with AI and digital room table data and time series data.

You will be considered during the selection process, taking into account your own nucleus and suitability for the job.

[New Business_AI SaaS]

■ Overview

You will be responsible for developing complex and innovative AI models that meet business needs by utilizing deep learning and machine learning technologies for AI SaaS products under development in the AI & Digital Department.

*Overview of AI SaaS Products

A new safe driving support service based on AI driving diagnosis scoring. Based on the company's proprietary digital tachograph data (mobility data), the service analyzes more than 2,000 cases of dangerous driving behavior with an overwhelming number of features, and by linking driving data with accident data, it is a driving risk diagnosis service that can identify truly dangerous situations in advance.

■ Details

You will be responsible for leading the development of the following functions, as well as managing development members and vendors.

◎ Calculation of operation score by AI

- Functionality: AI calculates operational risk as a numerical value.

◎ Detection of Driving Risk Scenes

- Functionality: Detect and display on a map the driving scenes that had a negative impact on the driving score.
- Enable to instruct drivers about risky behavior.

◎ Create consulting reports for clients Enabling function

- Enabling function Prepare periodic reports to clients to analyze and explain the overall operation of the company.

■ Development Environment

- Language: Python
- OS Linux
- Data volume TB or more
- Cloud AWS (EMR, EC2)
- Other Tools GitHub, Slack, backlog

■ Attractiveness of this position

You will be able to lead the development of Japan's first AI product model that can contribute to society by "eliminating traffic accidents" using the unique and large amount of data (more than TB) owned by the company.

[Working Hour]

9:00~18:00

[Welfare]

- Full social insurance
- Commuting allowance

[Holiday]

- Saturday/Sunday/National Holiday
 - Annual Paid Leave
 - New Year Holiday
- etc.
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Required Skills

[Required]

*Meet all of the following

- 3+ years of experience building AI models for classification/regression tasks on table or time series data
 - 3+ years of experience in leading PoC and AI systems
 - Experience managing development team members and vendors
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Company Description