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Research Engineer (AI,CV Area) | AI Cloud Service

Remote Work Available / Start-up Company

Job Information

Recruiter
G Talent at Bizmates, Inc.

Hiring Company
★AI cloud service company specialized in Accounting★

Job ID
1517187

Industry
Internet, Web Services

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
7 million yen ~ 10 million yen

Work Hours
Flextime System

Holidays
Saturday/Sunday/National Holiday, Annual Paid Leave, etc.

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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Daily Conversation

Minimum Japanese Level
Business Level

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

【**About the company ...**】

Improving accounting.
The company is a technology startup that develops AI solutions specialized in the accounting field in-house and provides them as cloud APIs.

■ Demonstrate technological superiority using AI
Focusing on information input of accounting software, they are solving problems in areas that have not yet been automated with solutions using deep learning.

■ Obtained a patent in the field of "AI accounting" (* "AI accounting" is a registered trademark of the company)
As of May 2019, the company has already obtained seven patents and are applying for more patents.

【 Job Description 】 ◆ Responsible for technology development, a key element of business growth, in a team directly under the CTO

This is a research engineer position for document analysis centered on computer vision in the Advanced Technology R&D Department, which researches and develops AI engines that form the basis of our accounting field-specific AI services "Robota" and "Remota". As an expert in research and development, you will be responsible for proactively tackling technical issues in the accounting field, and applying the results to the company's products and developing them into new products.

After joining the company, you will be assigned to the R&D team, where you will work as part of a team to promote research and development.

【Responsibilities】
  - Ongoing R&D operations and new R&D on technical issues in accounting vouchers (including data)
・Character detection and recognition from accounting vouchers (including data)
・Structuring, classification, and information extraction from accounting forms (including data)
・Pre-processing of scanned and photographed accounting vouchers (including data), such as extraction and distortion correction
  - Consultant for annotation technology related to computer vision

After joining the company, you will participate in research and development around information extraction from accounting vouchers and character recognition in order to familiarize yourself with the work and environment. After that, you will lead the development of new functions and improvements related to computer vision using various machine learning methods, including deep learning, in the company's services.

In the area of annotation technology, you will be consulted as an expert on how to improve performance during product development, and so on.

■Examples of Employee Backgrounds
Ph.D. in computer science, research presenter at top conferences, research experience in computer science, etc.

■Development Environment
- Python / TensorFlow、Pytorch / MySQL

【Working Environment】
■They have an open-minded atmosphere where anything can be discussed frankly and constructively! It is an environment where young employees are encouraged to play an active role.
■They have a culture that values not only the success of the team, but also the opportunity for individual growth.
■They are flexible and willing to adopt new technologies without sticking to established ones.

【 Working time 】

9:30~18:30

【Insurance】
■Full Social Insurance

【Allowance】
■Commuting Allowance

【Welfare】
■Semi-annual MVP award and President's Award commendation

【Others】
■Free drinks available (mineral water, coffee)
■Stock option plan available

【 Holiday 】
Saturday/Sunday/National Holiday
Annual Paid Leave
New Year Holiday
Parental Leave
Congratulations & Condolence Leave
Bereavement Leave
Summer Holiday, etc.

Required Skills

【**Required**】
・Knowledge of machine learning and deep learning, especially in the field of computer vision
・Practical knowledge of programming, algorithms, and data structures
・Experience in research and development in natural language processing at universities or companies, especially in document analysis
・Software implementation skills required to validate new methods
・Experience in implementing and evaluating models using ML libraries such as PyTorch and Tensorflow
・English language ability to read and write papers and technical documents, and to converse in a professional manner.
・Japanese language ability to analyze Japanese texts

【**Ideal Applicants**】
The company values its five values and places great importance on them during the selection process.
The company is looking forward to working with you if you share and embody these values.

Can Do Attitude: Always look for ways to do things.
Trust: Earn the trust of the enterprise company.
Teamwork: There is only so much one person can do. Work as a team to tackle the mission.
Passion: In order for a startup to be successful, it must have passion.
Move Fast: In order to succeed in this industry and in this day and age, it is essential to move fast.

Company Description