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AI/Image Processing Algorithm & Product Development Engineer

Fully Remote Work★Side-job OK

Job Information

Recruiter
G Talent at Bizmates, Inc.

Hiring Company
◆Cloud Security Service Provider◆

Job ID
1490206

Industry
Internet, Web Services

Company Type
Small/Medium Company (300 employees or less)

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards, Shinagawa-ku

Salary
6 million yen ~ 12 million yen

Work Hours
Discretionary Work System

Refreshed
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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 has created a security camera service that can be easily accessed via Internet. Using video to reduce labor and improve communication. Its use as a content distribution solution that is expanding at various sites, including chain stores and construction sites.
Currently, under the vision of "creating the future from video," they need to acquire data from the video as well as video

distribution.
Therefore, the future of "AI x video data utilization" such as traffic congestion prediction and store visit analysis is being created. A video platform that can be used by any technology and that can be used by anyone from companies to individuals

◎ It is a venture company established in October 2014 ◎
The company developed and provided easy-to-use video services, and in 2017 they achieved the top market share in the cloud camera service industry. Reduce human labor, eliminate human anxiety., generate human time and will continue to pursue smarter cameras.

【Job Description】

●Recruitment Background
With the vision of "creating the future through video," the company is developing solutions based on a cloud video
p 【Overview】
With the vision of "creating the future through video," the company develops and operates the cloud-recording video platform "Safie," sells cameras that support cloud recording, and develops and operates related services.

Image recognition engineers extract meaning and structure from the vast amount of video data from cloud cameras owned by users, and assist them in utilizing the video data and making decisions to solve their problems.

Expectations for cloud cameras are expanding beyond security and recording applications to automation and digital transformation using video. The company is looking for an engineer who can quickly incorporate useful image recognition research results, contribute to the creation of diverse video services, and lead other members of the team in the development of image recognition.

【Responsibilities】
Research and development of image recognition and image processing algorithms
Prototyping, PoC, design and development of systems and products using these algorithms

【Technologies Used】
Development Languages
Python, C++
Deep Learning
PyTorch
AWS
EC2, S3, ECR, Sagemaker
Databases
MySQL, Redis, Elasticsearch, DynamoDB
CI/CD
Github Actions
Communication
Slack
Github
Google Workspace
Wrike

【Working Hour】

Discretionary Work System

【Welfare】

・Full social insurance
・Commuting allowance
・ Free drink
・ Proximity rent allowance (only for residents within 2 km from the office or within 2 stations)
・ Book purchase assistance
・ Study session, seminar participation fee assistance
・ Multi-department exchange lunch assistance
・ Side work is possible

【Holiday】

・Saturday/Sunday/National Holiday
・Annual Paid Leave
・New Year Holiday
etc.

Required Skills

【Required】

3+ years of hands-on experience in design/implementation/operation of products and services using image recognition
Basic knowledge and understanding of image processing, image recognition, machine learning, and mathematics
5+ years of practical experience in software development using C/C++ and Python
Ability to design and implement software with maintainability and scalability in mind
Reading comprehension to the extent that literature research can be conducted in English

【Preferred】
Experience in mentoring and training other engineers
Experience leading development projects
Master's or doctoral degree in information science or related field
Experience in research and development of image recognition algorithms, computer vision, and machine learning
Experience developing web services
Experience using cloud services such as AWS
Experience in embedded development of products using video
Technical communication skills in English

Company Description