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Computer Vision Engineer | Multi-core processor

Remote Work★Global Business

Job Information

Recruiter
G Talent at Bizmates, Inc.

Hiring Company
★Multi-core processor-related company★

Job ID
1517188

Industry
Internet, Web Services

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
5.5 million yen ~ 8.5 million yen

Work Hours
Discretionary Work 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
None

Minimum Japanese Level
Business Level

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

【About the company ...】

The company is a software company whose corporate message is "Speed up your Business.

They accelerate their customers' businesses in various fields such as medical, manufacturing, finance, and entertainment by parallelizing and optimizing software to efficiently utilize multi-core processors and accelerating applications using new

memory technology that realizes power saving and high-speed IO, thereby achieving green IT.

【 Job Description 】

【Job Details】
■Survey of papers on computer vision algorithms, implementation of papers, improvement of algorithms
- Image processing, object recognition, object pose estimation, visual odometry, sensor calibration, etc.
■Porting and speeding up of computer vision programs
- Improvement of calculation order by algorithm improvement, GPU parallelization, speed-up using SIMD instructions, etc.

【Project Rewards】
■Able to catch up with the latest computer vision technologies and apply them to research/development and product realization
■Improve your skills by sharing technologies with various specialists in machine learning, image recognition, acceleration, etc.
■Gain early and in-depth exposure to the latest architectures being released one after another
■Be involved in the software development of core global products
All projects involve research and development in state-of-the-art fields.

【 Working time 】

Discretionary Work System

【 Welfare 】

・Full social insurance
・Commuting allowance
・Child allowance
・Recreation Assistance
・Training/Self Development AllowanceResident allowance of 30,000 yen/month
・Travel and accommodation expenses for company trips
・Company expenses for social gatherings
・Maintenance fee for club activities (e.g., ski club: 60,000 yen per person per year; other clubs include golf, futsal, and board game clubs)

【 Holiday 】

- 2 days a week (Saturday and Sunday)
- National Holidays
- Summer vacation
- New Year holiday
- Annual Paid leave, etc.

Required Skills

【Required】
■Programming knowledge in C/C++
■Knowledge of computer vision

【Preferred】
■Experience in acceleration on multi-core processors such as GPU
■Experience in acceleration using SIMD instructions on CPU, DSP, etc.
■Research experience in image processing, image recognition, machine learning and deep learning algorithms
■Experience with compression and porting of deep learning models such as CNNs

Company Description