



【Robotics Software Engineer (English Only OK)】

Job Information

Recruiter

SPOTTED K.K.

Job ID

1591384

Industry

Machinery

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

6 million yen ~ 10 million yen

Refreshed

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General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Robotics Software Engineer (Machine Learning / Robot Control) – English Only OK

Position Overview

We are looking for a highly skilled Software Engineer with strong expertise in machine learning and robotics control systems to join an innovative robotics technology company in Tokyo.

The successful candidate will contribute to the development of AI-driven sensing and robotic manipulation systems for advanced automation applications. The role involves developing machine learning solutions for sensor data processing and implementing robotic control systems for real-time manipulation tasks.

This is an exciting opportunity to work on cutting-edge robotics, AI, and intelligent automation technologies in an international environment.

Responsibilities**AI / Software Development**

- Design and develop AI solutions for advanced sensing systems
- Develop machine learning applications for robotic perception and manipulation
- Implement machine learning algorithms for:
 - object classification
 - motion analysis
 - force and sensor data interpretation
- Optimize system performance using state-of-the-art machine learning techniques
- Collaborate with cross-functional engineering teams

Robot Control

- Implement robotic control systems for automation applications
- Work with industrial robot arms and robotic end-effectors
- Integrate sensors into robotic platforms
- Develop real-time robotic applications

Requirements**Education & Experience****Bachelor's degree in:**

- Software Engineering
- Machine Learning
- Robotics
- Computer Science or a related field
- Strong experience in machine learning development
- Experience in robotic systems and automation
- Experience working with sensor-based systems is preferred

Technical Skills

- PyTorch / TensorFlow
- ROS (Robot Operating System)
- Experience deploying machine learning models in real-time systems
- Experience controlling robotic systems using Python or C++
- Understanding of robotics fundamentals and motion control

Soft Skills

- Strong analytical and problem-solving skills
- Excellent written and verbal communication skills
- Ability to work independently and collaboratively
- Strong project management and multitasking abilities

Employment Type

Full-time

Location

Tokyo, Japan

Language

English only is acceptable

Salary

Competitive salary based on experience

Interview Process

Approx. 2–3 interview rounds

Company Description