

## Job Detail

Rapidly Growing

Staff Level

Position Title	【Drone Image】AI Engineer
Recruiter Company	Robot Job Japan / Global Career Agent Inc.
Company Name	Company name is private
Activated / Updated	2024-04-17 / 2024-04-18
Job Type	IT (Other) - IoT Engineer IT (Other) - Machine Learning/AI Engineer IT (Other) - Data Analyst/Data Scientist
Industry	
Location	Asia Japan Chiba
Job Description	<p>You will be engaged in the development of an anomaly detection system of the drone itself, the development of an AI system that automatically identifies images taken by the drone, and the development of a future-oriented big data system.</p> <p>Tasks in specific:</p> <ul style="list-style-type: none"> <li>- Development of algorithms to detect equipment abnormalities (cracks, water leaks, etc.) and specific object detection based on images taken by drones</li> <li>- Data analysis of infrastructure equipment data and algorithm development for AI analysis</li> <li>- Development of algorithms for diagnosing aircraft abnormalities based on log data (motor rotation speed and acceleration sensor) during drone flight</li> </ul>
Company Info	<p>A Japanese venture company providing service in infrastructure maintenance and inspection utilizing UAV, as well as digital data management of facilities data. Owns ultra-compact drone developed in-house based on rich track record.</p> <p>Year of foundation: 2016 Number of employees: 60+ Capital: 1.42 billion yen</p> <p>For further job listing of Robotics, AI, IoT, New Mobility opportunities, please check <a href="http://www.gc-agent.com/robotjobjapan/">http://www.gc-agent.com/robotjobjapan/</a></p>
Qualifications	<p>Required:</p> <ul style="list-style-type: none"> <li>- 3+ years' professional programming experience (in any language)</li> <li>- 1 year or more of professional implementation experience in Python</li> <li>- Experience using machine learning frameworks / libraries (PyTorch, Tensorflow, Keras, scikit-learn, etc.)</li> <li>* Study / research at university may also be counted</li> </ul> <p>Preferred:</p> <ul style="list-style-type: none"> <li>- Experience in software specification and architecture design</li> <li>- Research and development of anomaly detection algorithms</li> <li>- Experience in image processing</li> <li>- Experience in time series data processing</li> <li>- Experience with point cloud data processing</li> </ul> <p>We like to work with:</p> <ul style="list-style-type: none"> <li>- Those who like to work on new technology</li> <li>- Those who can set their own goals and carry out development</li> <li>- Those who can flexibly incorporate the opinions of people around them and summarize the issue</li> <li>- Those who are accustomed to carefully checking his/her own programs by self</li> </ul>
English Level	Daily Conversation Level (TOEIC 475-730)
Japanese Level	Daily Conversation Level
Salary	Depends on experience

