

Job Detail

Rapidly Growing

Staff Level

Position Title	Embedded Engineer - Control 【Autonomous Drone】
Recruiter Company	Robot Job Japan / Global Career Agent Inc.
Company Name	Company name is private
Activated / Updated	2024-04-18 / 2024-04-18
Job Type	IT (Other) - IoT Engineer IT (PC, Web, Unix) - Back-End Engineer IT (Embedded Software, Control Systems) - Software Architecture
Industry	
Location	Asia Japan Chiba
Job Description	<p>You will be in charge of developing sensing systems (SLAM systems) and navigation systems used by autonomous flying drones.</p> <p>You will be proposing improvements to the autonomous flying drone system currently under development, planning the development schedule, and performing consistent development work from research and development to product development.</p> <p>In addition to the development work, you will also be required to conduct technical research necessary for development.</p> <p>Tasks in specific:</p> <ul style="list-style-type: none"> - Product review and requirement definition in collaboration with product manager - System design and technology verification of autonomous flying drones - Testing with actual equipment and conducting PoC in simulated environment / real site etc.
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 http://www.gc-agent.com/robotjobjapan/</p>
Qualifications	<p>Required:</p> <ul style="list-style-type: none"> - 1 year or more of experience in either C language or C++ - Professional experience in closed-loop control systems - Basic mathematical knowledge related to classical control, modern control, etc. <p>Preferred:</p> <ul style="list-style-type: none"> - Development experience at a venture or startup - Robotics technology experience that combines hardware and software for robots, autonomous driving, etc. - Experience developing drone flight control - Experience in formulating, verifying, and proving hypotheses for new technologies - Experience in launching products and defects handling - Experience using robot SW frameworks such as ROS
English Level	Daily Conversation Level (TOEIC 475-730)
Japanese Level	Business Level(JLPT Level 2 or N2)
Salary	Depends on experience