Job Detail

Rapidly Growing

Staff Level

Position Title	Embedded Engineer 【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	You will be in charge of developing sensing systems (SLAM systems) and navigation systems used by autonomous flying drones. 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. In addition to the development work, you will also be required to conduct technical research necessary for development. Tasks in specific: - 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	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. Year of foundation: 2016 Number of employees: 60+ Capital: 1.42 billion yen For further job listing of Robotics, AI, IoT, New Mobility opportunities, please check http://www.gc-agent.com/robotjobjapan/
Qualifications	Required: - 3 year or more of experience in either C language or C++ - Implementation of drivers such as sensors - Professional experience using Single Board computers such as Jetson. Preferred: - 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	Daily Conversation Level
Salary	Depends on experience