

Job Detail

Staff Level

Position Title	【Microsatellite maker】 Attitude and Orbit Control System Engineer
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	Electronics (Appliance/Semiconductor) - Basic Research and Development Manufacturing (Automobile/Plant Engineering/Precision Equipment) - Basic Research and Development IT (Embedded Software, Control Systems) - Software Architecture
Industry	Manufacturing - Other
Location	Asia Japan Tokyo
Job Description	<p>Design, develop, test and maintain the attitude and orbit control system of the satellite.</p> <ul style="list-style-type: none"> - Develop the control system software that runs in the resource-limited computer inside the satellite. - Document, test and automate the testing and calibration. - Perform mission requirement analysis and its implementation to the attitude and orbit control system. - Perform Sensor and actuator selection for each project. - Research and test new sensors and actuators in the market for the control system of the satellite to be used in future projects. - Perform verification by data analysis, testing and simulation. - Run testing, calibration, data analysis and support before and after the launch. - Develop a high-fidelity simulator that simulates orbital environment, attitude and orbit dynamics, sensor/actuator models. - Other tasks as required.
Company Info	<p>Commercial space technology design, manufacture and solution provider</p> <p>For further job listing of Robotics, AI, IoT, New Mobility opportunities, please check http://www.gc-agent.com/robotjobjapan/</p>
Qualifications	<p>【Must】</p> <ul style="list-style-type: none"> - Bachelor's degree in any engineering field. - Technical Skills (one of the following): <ol style="list-style-type: none"> 1) Professional experience (3 or more years) in spacecraft attitude or orbit control system development including design, simulation, parameter tuning, performance analysis, troubleshooting, etc. 2) Professional experience (3 or more years) in c++ and python software development for control systems, such as automotives, robots, factory automation, etc. AND Experience in modern software development (Agile, CI/CD, Docker, etc.) - Language Skills (one of the following): <ol style="list-style-type: none"> 1) Business English or 2) Business Japanese and basic English <p>【Preferred】</p> <ul style="list-style-type: none"> - Experience in non-linear control systems or adaptive control systems. - Experience in Matlab/Simulink Control System Toolbox, Aerospace Toolbox, MATLAB/Simulink Coder. - Experience in spacecraft systems engineering. - Experience with laboratory tools like oscilloscopes, stabilized power supply, multimeter
English Level	None
Japanese Level	None
Salary	Depends on experience

Salary Description	経験及び能力に応じて面談の上、採用時に決定 社会保険完備 交通費全給
Holiday Description	完全週休2日制（土・日・祝祭日） 有給休暇 慶弔休暇
Job Contract Period	Permanent