

Job Detail

Senior Level

Position Title	Robotics Software Engineer
Recruiter Company	Cornerstone Recruitment Japan K.K.
Company Name	Company name is private
Activated / Updated	2024-03-06 / 2024-04-11
Job Type	IT (Embedded Software, Control Systems) - Software Architecture
Industry	Software Vendor
Location	Asia Japan Tokyo
Job Description	<p>【JOB RESPONSIBILITIES】</p> <p>Development, optimization and maintenance of perception algorithms for our products using ROS2, focusing on, but not limited to, LiDAR data processing.</p> <p>Integration of perception components into the system and maintenance of the interfaces.</p> <p>Establishment of testing procedures to ensure the stability, functionality, and performance of the perception components.</p> <p>Troubleshooting perception-related technical issues in our systems, proposing and implementing effective solutions to them.</p> <p>Continuous enhancement of the performance, efficiency, and scalability of the perception algorithms and components.</p> <p>Close collaboration with fellow perception engineers and other teams to ensure seamless integration of perception components into the automation software.</p>
Company Info	<p>【COMPANY OVERVIEW】</p> <p>AI development company supporting manufacturing industry</p>
Qualifications	<p>【REQUIREMENTS】</p> <p>Mandatory:</p> <p>Bachelor's, Master's degree or higher in Computer Science, Robotics, Electrical Engineering or a related field. Candidates without a degree must have significant software development experience.</p> <p>2+ Years of experience as a Software Engineer in a collaborative environment.</p> <p>Experience using ROS2 or ROS and a good understanding of its capabilities.</p> <p>Proficiency with C++ or Python, experience of work in a large codebase.</p> <p>Strong understanding of software versioning and working knowledge of Git.</p> <p>Experience with perception algorithms development, particularly for point cloud data processing, using libraries such as OpenCV, Open3D, and PCL.</p> <p>Excellent communication skills, with a proven ability to work in dynamic environments.</p> <p>Proficiency in English.</p> <p>Desirable:</p> <p>Experience of working in the robotics industry.</p> <p>Strong knowledge of best practises in software development.</p>

	<p>Familiarity with Deep Learning frameworks such as TensorFlow and PyTorch.</p> <p>Proficiency with C++ AND Python.</p> <p>Experience working in a remote Linux environment.</p> <p>Good understanding of containerization and experience using Docker.</p> <p>Familiarity with Agile and the Scrum methodology.</p> <p>Excellent problem-solving, organizational and analytical skills, with the ability to evolve product strategy based on research, data and industry trends.</p> <p>Proficiency in Japanese.</p>
English Level	Fluent (TOEIC 865-)
Japanese Level	Fluent(JLPT Level 1 or N1)
Salary	Depends on experience