

Job Detail

Staff Level

Position Title	【Microsatellite maker】 Optical Ground Terminal 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	IT (Hardware/Network) - Communication Infrastructure (Including ISP and Career) Electronics (Appliance/Semiconductor) - Basic Research and Development Manufacturing (Automobile/Plant Engineering/Precision Equipment) - Basic Research and Development
Industry	Manufacturing - Other
Location	Asia Japan Tokyo
Job Description	<p>In anticipation of the expansion of the NTN (Non-Terrestrial Network) business beyond 5G, we are strengthening our system of optical communications ground station engineers. We are looking forward to your application if you are willing to work with us to solve social issues by building communications infrastructure using satellites.</p> <p>-Design and development of the following for optical ground stations that communicate with satellites: Optical ground station system design Optical communication antenna or optical telescope Optical signal capture and tracking function and internal optical system optical communication device Environmental resistance function Optical communication line design</p> <p>- Leading the design and implementation of various tests for the developed communication system - Conduct interface design and interface confirmation tests in cooperation with satellite system personnel - Cooperate with terrestrial network personnel to conduct operational design and interface design with network management systems. - Support operations team during operations - Coordination with external agencies/vendors</p>
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>【Prerequisite】</p> <ul style="list-style-type: none"> - Educational background: Technical college or university graduate or above - Must have design/development experience in one of the fields listed below. 1) Experience in designing optical systems or giving design instructions using optical design software such as Ansys zemax 2) Experience in designing optical equipment or laser equipment 3) 3 or more years of experience in designing communication systems using FPGAs (ASICs) or digital modulation ICs, or 3 or more years of experience in creating design specifications and instructing the design. - Expertise in handling optical instruments and devices - Ability to negotiate/cooperate with business partners and evaluation facility personnel in Japanese - OK to use English for work purposes <p>[Welcome skills and experience]</p> <ul style="list-style-type: none"> - Experience in designing FPGA circuits (VHDL, Verilog) or creating design specifications and instructing the design. - Embedded hardware development - Embedded software development - FPGA integration using HDL and IDE - Circuit diagram reading required for embedded software development - Schematic review and vendor adjustment using electrical CAD - Direct negotiation/work experience with overseas business partners/bases using English

English Level	Daily Conversation Level (TOEIC 475-730)
Japanese Level	Business Level(JLPT Level 2 or N2)
Salary	Depends on experience
Salary Description	Social Insurance Commuting/Transportation Allowance Education Training
Holiday Description	Five-Day Workweek Refresh Holidays
Job Contract Period	Permanent

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