



Astroscale is the first private company with a vision to secure the safe and sustainable development of space for the benefit of future generations, and the only company solely dedicated to on-orbit servicing across all orbits.

Founded in 2013, Astroscale is developing innovative and scalable solutions across the spectrum of on-orbit servicing missions, including life extension, in-situ space situational awareness, end-of-life services, and active debris removal, to create sustainable space systems and mitigate the growing and hazardous buildup of debris in space. Astroscale is defining business cases and working with government and commercial stakeholders to develop norms, regulations, and incentives for the responsible use of space.

Headquartered in Japan, Astroscale has an international presence with subsidiaries in the United Kingdom, the United States, Israel, and Singapore. Astroscale is a rapidly expanding venture company, working to advance safe and stable growth in space and solve a growing environmental concern. End of Life Services by Astroscale-demonstration (ELSA-d), the company's first on-orbit demonstration of debris capture and removal, launched in March 2021.

Astroscale U.S. Inc. is currently seeking a **Systems Engineer (Ground & Operations)** to join our team in our Denver, Colorado location. In this role you will work on operational concepts and the system level design of the satellite to ground interface solution. You will be integral to developing the on-orbit servicing solutions that will deliver our vision of a sustainable space environment.

To apply: Email your resume and cover letter to careers@astroscale-us.com with **Systems Engineer (Ground & Operations)** in the subject line. The application deadline is **July 22, 2022**.

Salary range: \$95,000 – \$145,000. The salary range represents the low and high end of the Astroscale U.S. Inc. salary range for this position. Actual salaries will vary and may be above or below the range based on various factors including but not limited to experience, knowledge, and ability as applicable to the role.

Duties & Responsibilities

- Architect and design custom, modular, and scalable operational and analytical software for a satellite ground command and control system.
- Support the design, development, integration, and testing of the ground system for geostationary (GEO) satellites.
- Apply and further develop expertise in understanding the roles of each of the systems that build up a satellite mission and the interactions between them.
- Create and execute test plans for functional ground segment software testing and integration.



- Support the team in creating and maintaining all tools, procedures, and documentation for mission ground to space operations.
- Provide mission ground operations support leading up to, during, and after launch.
- Apply technical knowledge to analyze, investigate and resolve engineering problems.
- Support and actively participate in customer and supplier meetings and presentations at all project stages.
- Collaborate with customer and supplier staff, and staff from other parts of Astroscale.

Qualifications & Skills

- Experience with existing satellite ground segment and operations, including the components that drive these systems.
- Working knowledge of ground systems and software engineering concepts, skills, and practices.
- Broad and comprehensive knowledge of satellite missions, systems, and subsystems.
- Experience with the development of space to ground command and control, mission planning, or flight dynamics systems.
- Working knowledge of Unix/Linux, databases, filesystems, and object-oriented programming languages.
- Working knowledge of software and satellite ground system architectures.
- Understanding of software design, development, test, integration, and operations.
- Ability to understand new concepts quickly and apply them accurately and organize work assignments to meet established timetables.
- Collaborative communication and interpersonal skills with the ability to work both independently and as part of a team.
- Bachelor's degree, Master's degree or PhD in science, technology, engineering or math, or equivalent experience.
- Experienced professional with greater than 5 years' experience in designing, developing, integrating, testing, or operating satellite ground systems.

Please note Astroscale U.S. is a U.S. Government registered, export control compliant company, as such applicants should be a U.S. person or U.S. citizen.

Astroscale U.S. is committed to creating a diverse environment and we pursue and embrace a variety of thinking, beliefs, and ways of life that are international, open-minded, and inclusive.