



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** to join our team in our Denver, Colorado location. In this role you will work on operational concepts and the system level design and development of satellite services and missions. You will be integral to developing the on-orbit servicing solutions that will deliver our vision of a sustainable space environment.

Duties & Responsibilities

- Mission, system and operational concept development for satellite services and missions, including space and ground segments.
- Apply and further develop expertise in understanding the roles of each of the subsystems that build up a satellite and the interactions between them.
- Assist in architectural trades and interface definition for deployment and hosting of on-orbit servicing payloads.
- Apply system engineering principles to the selection of subsystems as part of satellite concept and design development.
- System level design of space systems across all phases of projects, including requirement analysis, sensitivity analysis, mission analysis, and design trade-offs.
- Apply technical knowledge to analyze, investigate and resolve engineering problems.
- Prepare technical responses to bids, presentation materials and reports, for a variety of applications and customers.
- 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

- Familiarity with all aspects of the satellite system life cycle, including designing and analyzing space and ground segments to the subsystem level.
- Familiarity with spacecraft level environmental testing, launch, and commissioning.
- Understand new concepts quickly and apply them accurately.
- Knowledge of systems engineering principles and tools.
- Organize and balance 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. Typically requires two or more years' experience in engineering.

To apply: Email your resume and cover letter to careers@astroscale-us.com with the job title in the subject line. The application deadline is May 15, 2021.

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.