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 **Flight Software Team Lead** to join our team in our Denver, Colorado location. In this role you will be a member of the engineering leadership, 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 **Flight Software Team Lead** in the subject line. The application deadline is **August 3, 2022**.*

Salary range: $140,000 – $180,000. 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

- Lead the flight software team including subject matter expertise, mentorship, performance reviews, and actively maintaining a healthy culture.
- Facilitate the planning, tracking, and scheduling of software deliverables, including delivery from vendors and other collaborating entities.
- Collaborate with the program engineering team, engineering team leads, business leadership, customers, and third-party organizations.
- Architect flight software solutions to address needs across a full satellite mission and lifecycle, supporting modular scalable flight solutions for Astroscale's missions.
- Software system level verification, validation, integration, and test planning and execution.
- Software system level definition and concept of operations development.

- Support the assessment of software and system issues to find solutions, including across software to hardware interfaces.
- Work with program teams to identify and verify compliance of software with system requirements.
- Evaluate and recommend tools, technologies, and processes to ensure the software capability enables the highest quality satellite service mission product.
- Evaluate and perform peer reviews of software artifacts.
- Resource manage a team of software engineers, including assignment of team members to given programs in conjunction with the program manager.

Qualifications & Skills

- Experience of software development life cycle processes and technologies.
- Experience of principles and techniques for developing, modifying, debugging, releasing, and maintaining software systems for mission-critical aerospace applications.
- Understanding of various coding methods and computer languages, including C and C++.
- Experience working on software projects, including the software / hardware interface.
- Familiarity with working within a multi-national environment.
- Knowledge of systems engineering practices and methodologies.
- Collaborative communication and interpersonal skills with the ability to work both independently and as part of a team.
- Experienced professional with greater than 10 years' experience in software development, preferably within aerospace or defense, and demonstrated team lead experience.
- Bachelor's degree, Master's degree or PhD in science, technology, engineering or math, or equivalent experience.

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.