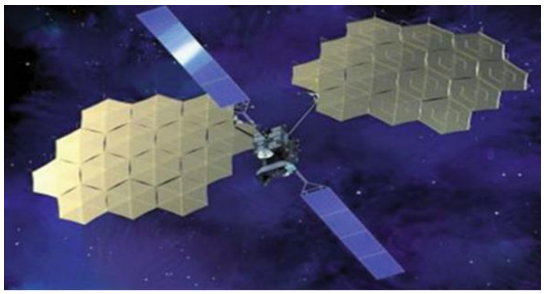
ARCSPACE
Sustainable & Performant Space Infrastructure

Spacecraft Systems & Structures Engineer
5 to 6 months internship, Paris/Ile-de-France

Internship start date: January or February 2027
Contact: Contact@arc-space.com, +33-6-45-33-21-60

About ArcSpace:

ArcSpace provides subsystems for in-space servicing, assembly and manufacturing applications. The company's first solution is a proprietary robotic joining and cutting tool and process; the capabilities it provides to act in space are key to cost-effective space infrastructure and the growth of the Space economy, while solving existing market needs from on-orbit capture to end-of-life management. Through incremental growth, ArcSpace will expand its solutions to ambitious projects such as space-based solar power, lunar infrastructure and in-space manufacturing.



Job description:

As part of a dynamic and ambitions startup team and in collaboration with space EU stakeholders, you are a passionate and can-do collaborator who will support the design and qualification of our in-space manufacturing tool towards our In-Orbit Demonstration flight. You will actively take part in various missions ranging from Systems Engineering Requirements to CAD/simulation structural analysis and iterative prototyping of breadboard subsystems. Your contribution will impact critical flight design and contribute to the acceleration of in-orbit servicing, assembly & manufacturing adoption.

This position is based in Paris/Ile-de-France.

Your profile:

Background/training in Systems/Mechanical Engineering (orbital systems preferred), you have demonstrated through Engineering projects your ability to understand objectives, analyze complex multi-objective problems, and produce quality reporting in a proactive way.

- Knowledge of mechanisms and Structural Analysis, with experience in analytical and FEM structural tools (ANSYS or similar).
- Experience in conceptual and CAD design (knowledge of Solidworks or other required).
- Some experience in space structure design, analysis and test philosophy as per applicable standards (ECSS, NTSS, etc.) is a plus.
- Demonstrated technical, analytical and problem-solving skills, willingness to learn, result-driven.
- Ability to work in a team centered around a commonly shared objective.
- Demonstrated ability to work in autonomy and critically define/reassess target milestones.
- Very good command of English and French (technical writing ability).

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Why work at ArcSpace:

- Company values: Fairness – Efficiency – Teamwork – Excellence.
- Significant and visible personal contribution to the growth of in-space servicing solutions.
- Work within the Paris-Saclay campus cluster, the leading R&D center in France.
- Autonomy in work and diversity of tasks.
- One day of teleworking per week, flexible hours.

Overview of the recruiting process:

- Send your resume & motivation email/letter to **Contact@arc-space.com**
- 30 min video interview with the executive team.
- Physical interview and technical discussion with the co-founders.
- Background check.