

Space Applications Services – Internship: Mechanical/Mechatronics Engineer

Internship Position

We are looking for two interns to deal with the design and development of our innovative space robotics applications (in-orbit and planetary), in challenging ESA and European Commission funded projects.

These projects cover currently the following topics:

- Active space mechanisms and their integration in robotics systems
- Space actuators and robotics manipulators for on-orbit servicing

The Internship is available at the **Robotics Mechanisms & Structure (RMS) Team** (Systems Department). The candidate will mainly report to the RMS Team Lead.

- **Location:** Sint-Stevens-Woluwe (Brussels Area)
- **Duration:** 6 months
- **Start date:** Q1 2026

Tasks and Responsibilities

- Familiarise with:
 - The objectives, use-cases, scope and requirements
 - Existing mechanisms and developments
- Conduct in-depth mechatronic analysis, focusing on the system architecture and kinematics
- Design systems and sub-systems
- Prototype and test concepts
- Collaborate with cross-functional Teams, including robotics hardware and software engineers
- Share and document progress, challenges, and solutions to the Team.

Skills and Experience

- Currently enrolled in a Master's degree in Mechanical or Robotics Engineering or a similar University program
- Specialization in mechatronics system design or mechanisms design is an asset
- Good knowledge of system synthesis and system modelling
- Proficient with CAD software (preferably Solidworks)
- Good knowledge of machine components, sizing, tolerances, manufacturing process, materials and treatments
- Good understanding of mechanical simulation and analyses

- Strength to self-disciplined and work ethic
- Creative, autonomous and rigorous mindset
- Good written and spoken English.

Our Offer

- An experience within a growing company with highly motivated Engineers, Scientists and Administrative Staff coming from all different horizons and countries
- A professional and multicultural working atmosphere
- A client exposure and networking opportunities
- A full-time Internship with a monthly lump sum allowance, under certain conditions.