

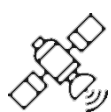
*“Men wanted for hazardous journey. Low wages, bitter cold, long hours of complete darkness. Safe return doubtful. Honour and recognition in event of success.”
- Ernest Shackleton (leader of the first expedition to Antarctica)*

You are not going to Antarctica, but we are just as refreshing, meaningful, unmistakable, honest, and captivating:

We are looking for problem solvers, innovators, and inventors to enable the extensive potential of space to join our team at DcubeD. You will not have a pre-defined task catalogue and work from 9 to 5, but instead you might face unthought-of challenges and a few dark hours puzzling over odds to find solutions. Nevertheless, the benefits are numerous:



Explore the Solar System: Work on exciting tech for missions going to LEO and beyond (Moon, Mars, ...)



More Building and less Writing: Get your hands dirty building various prototypes to really understand the design and functionality. Test, Test, Test!



Best Team in the Galaxy: Join our international team of space buffs that are truly excited about space.



Have Fun: join us for a cold beer in a beer garden, going hiking in the summer or skiing in the winter. If you dare, join our resident bouldering fanatic at the climbing wall.



Be the Best of Yourself: Work in an open and challenging environment, where you can shape future technologies.



Leave your Mark: Our flat hierarchy and supportive environment will let you achieve your highest goals.

If all of this sounds exciting to you, you are probably the right person to join our team, therefore please send us your CV and cover letter to careers@dcubed.space so that we can have a closer look at it.



Mechanical and Thermal Analysis Engineer (f,m,x)

About this Job

In our dynamic engineering team, you will work on some of the newest unconventional space hardware. You will help shape technologies that will be flying in space, to the Moon and soon beyond.

Job Responsibilities

Carry out mechanical and thermal analyses

- Dimensioning of parts
- Shape and topology optimization
- Test documentation (test prediction, test reports and test correlation)
- Carrying out mechanical analyses (Sine, Random, Shock, ...)
- Dynamic analysis of deploying structures and other mechanical mechanisms (non-linear deformations, multibody models)
- Thermal analyses
- Interfacing with external partners
- This role may include CAD modelling and design iteration, as well as verification and testing.

Skills and Qualifications

- Master's Degree in Engineering in a relevant domain
- At least 4 years of relevant work experience + practical experience
- Experience in innovation (i.e., bringing products and services into market) and early stage commercialization.
- Deep knowledge in FEM tools (static and dynamic)
- Familiarity with (New) space environment
- Problem solving
- Team player
- Independent work
- Willingness to travel and go on business trips
- Fluency in English
- Candidate must be eligible to work in the EU