



GAIA

AEROSPACE

Engineering Internship / Practical Semester

GAIA Aerospace offers students from universities the opportunity to complete mandatory internships and practical semesters as part of bachelor's and master's degree programs. The tasks and design of the internship or practical semester depend in each case on the requirements of the supervising university internship office. The tasks are generally project-oriented and include both the construction and design of aerospace components, the development of corresponding software for operation as well as tools for system analysis. The internship / practical semester takes place in Braunschweig.

The offer is aimed at students of the following courses of study:

- Mechanical Engineering
- Aerospace Engineering
- Applied Mechanics
- Electrical Engineering
- Computational Engineering
- Mechatronics
- Material Science

Duration of the internship / practical semester: 12 – 26 weeks / 3 – 6 months

Documents to be submitted with the application:

- Curriculum vitae
- University transcripts
- Internship regulations by the university

The following projects are currently offered:

- Grid Fin Actuator Test Stand
- Design of a Separation Mechanism for Microsatellites
- Structural Design of a Rocket Stage
- Test Stand for Propellant Settling Thrusters
- Test Stand for Propellant Pumps of Rocket Engines
- Cooling System for the Processing of Cryogenic Rocket Propellants

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Execution only after consultation of the university internship office

