

## **Internship within Engineering: Software Development for Payloads**

Astrium GmbH - Friedrichshafen

**Category:** ENGINEERING / Software design & IT

**Location:**

Friedrichshafen, 88039 Allemagne

**Assignment / Location:** Astrium ST Friedrichshafen

**Target group:** Student

**Functional Area / Specialities:** ENGINEERING / Software design & IT

**Work Contract Type:** Internship

**Working Time:** Full time

**Education:**

Astrium brings space to you.

Number 1 in Europe and number 3 worldwide, Astrium employs over 17,000 men and women mainly based in five European countries: France, Germany, the UK, Spain and the Netherlands. Our technical excellence and extensive prime contractorship experience extend across all sectors of the space business – launch vehicles, manned space activities, satellite systems and related services.

Description of the job For Astrium Space Transportation in Friedrichshafen within Engineering / Software Design & IP, department Payload Development, we are looking for an intern (m/f) for 6 months for software development of fluidphysical and external payloads.

The start date is flexible.

The department acts as subcontractor in the development of zero-gravity research facilities (e.g for the International Space Station - ISS). In addition to ISS equipment contracts (e.g. atomic clocks), the department also focuses on fluid physics experiments. Experimental facilities generally complete their full development cycles (phases A, B, C and D) within the department. Current projects are at various stages of development. Duties cover phases A (feasibility study), B (preliminary design and breadboarding) and C/D (development, construction and verification of transport vehicles).

**Tasks Your main tasks will include:**

- Conceptual work
- Software design
- Documentation of your own results
- Analyses
- Trade-offs and design assessments
- Preparing reviews

Your skills We are looking for candidates with the following skills:



- Enrolled Student within Engineering / simulations, Electrical Engineering (Microcontroller), Information Technology, Business Information Technology or similar field of study
- MS Office, Windows
- Knowledge in CAD
- Knowledge of construction, laboratory work (measurement, testing, assessment, test stand and experimental hardware

integration), programming (e.g. LabView7, C/C++), CNC production or project administration and controlling would be an advantage

- German: Beginner
- English: Advanced level
- Team work

Work Experience No work experience

Start Date 2014-04-01

Duration 6 MONTHS

Contact We are looking for highly motivated students who would like to work within a team in a dynamic and forward-thinking sector.

Please apply with complete documents (cover letter, C.V., relevant certificates / letters of reference, current confirmation of enrollment) by using this e-recruitment tool ([www.eads.net/1024/en/career/career.html](http://www.eads.net/1024/en/career/career.html)).

EADS is committed to achieving workforce diversity and creating an inclusive working environment. We welcome all applications irrespective of social and cultural background, age, gender, disability, sexual orientation or religious belief.