

AMDC is a manufacturer-independent engineering service provider focused on future technologies. Key activities include the analysis, conception and prototype development of innovative systems in the areas of Aerospace, Machine Learning, Defence and Computational Engineering.

In order to support our team, we are looking for a

### **Working Student (m/f/d)**

for Aerodynamic Development of Unmanned Aircraft Prototypes

#### **Your tasks:**

- Establishing, modifying and conducting initial aerodynamic simulations on various unmanned aircraft configurations
- Assisting calculations as well as design decisions on aircraft aerodynamic components and main assemblies
- Conducting stability, control surface and sensitivity analysis
- Improving and optimizing aerodynamic models and existing designs
- Assisting and performing component and flight tests of the existing drones
- Documenting simulation and test results

#### **Your qualifications:**

- Studying Aerospace, Mechanical Engineering, Physics or related studies in the field of aircraft aerodynamics. Previous experience in student research projects or theses in the fields of aerodynamics or aircraft design is advantageous
- Experience in dealing with main design drivers and influencing factors in conceptual as well as preliminary aircraft design
- Experience with Computational Fluid Dynamics, knowledge in XFLR5 is a plus.
- Very good communication skills in German and English (written and spoken)
- Self-reliant working manner

#### **We offer:**

- Attractive remuneration of 20 € / h
- Flexible working hours
- A modern and open space office located in Ismaning
- A highly talented, dynamic and international team
- Start date: as soon as possible, optimally from mid of August

Interested? Please send us an e-mail to [bewerbung@amdc.de](mailto:bewerbung@amdc.de).

Reference: AMDC-024-2021