

TOPseven specializes in globally patented high-tech solutions for autonomous drone-based inspections. With an international team of experts, we develop AI-based navigation and analysis software as well as special hardware in the fields of sensor technology and drones.

We are extending our portfolio of drone-based close-range inspection services to open up further market segments and are expanding our team of experts. We will take our autonomous navigation software, AI-based damage analysis and our drone/sensor hardware to a new level of performance.

Our international and young corporate culture is characterized by expert knowledge and team spirit as well as the vision of making infrastructures of all kinds safer and lasting longer.


This is our contribution to an ecological and economical future.
For our headquarters in Munich, we are looking for a full-time position with immediate effect for an

Aerospace System Engineer (m/f/d)

Job description

- Design, planning and support of development projects in the field of autonomous drone navigation in coordination with software and hardware development
- Implementation and documentation of functional tests
- Integration of drone hardware components such as motors, sensors, flight control and cameras, taking into account the compatibility of the software systems
- Adaptation and optimization of the flight dynamics of drones for autonomous navigation systems
- Carrying out and planning test flights of drone prototypes
- Designing test protocols to optimize performance in real-life scenarios

Required profile

- University degree in aerospace engineering, mechanical engineering, mechatronics or in a related field
 - Proven experience in drone construction and in the implementation of functional tests including the integration of hardware and software
 - Familiarity with PX4 or other flight control systems for drones
 - Strong understanding of the dynamics and flight characteristics of drones
 - Knowledge of C++ and Python for the development of drone software
 - High affinity for agile hardware and software development
 - Strong communication, team and negotiation skills
 - Very good knowledge of written and spoken German and English
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We offer

- Own area of responsibility with plenty of scope for independent work
- Exciting environment in a dynamic high-tech company
- Pleasant working atmosphere in an internationally motivated team with a "can do" mentality
- Secure, versatile and varied workplace
- Attractive remuneration and numerous benefits (e.g. company pension scheme and health insurance, benefit card, further training, company events)

Contact **Marion Rissel**
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