



## Autonomous Systems Engineer

**Keywords: Robotics, Autonomy, Software Development, User Interface, Flight Control Development**

Join our engineering team during an exciting company growth phase to accelerate our products development and production for the global drone market. You will be part of a senior development team that values creativity, collaboration and new solutions. Take this exciting and challenging opportunity and join this journey going from development, production all the way to the customer deliveries and support.

### Your responsibilities:

- Technical lead for the assigned projects in the development of autonomous systems and software, including coordination of the activities with other project members, production, testing and suppliers
- Development, simulation and hardware testing of the algorithms for the autonomous systems
- Integration of the algorithms on test bench and unmanned aircraft hardware
- Prepare, check and release design data for suppliers and production
- Support production line and external suppliers during product serialization phase
- Write and review technical documentation for product development and certification
- Follow our development process all the way from requirements definition and systems development, documentation, to test bench and prototype testing, and final customer integration

### Your qualifications:

- Engineering degree in software development, IT or similar
- Experience in system dynamics, software and flight controls development
- Experience with projects in aviation/drone/automotive industry and knowledge of regulatory and rulemaking standards in terms of software requirements and development processes is desirable
- Experience with unmanned autonomous robotic platforms (e.g. guidance, navigation and control, Kalman-Filter, non-linear systems, machine learning, simultaneous localization and mapping, real time systems etc.)
- Good English language skills, both verbal and in writing, a working knowledge of German language will be an advantage
- Good team player skills, self-driven attitude and the ability to work to fixed deadlines

### Our offer:

- We offer a position in a development driven team with strong focus results, working in the fast-emerging industry of unmanned technologies
- Close working relationships with other departments from a variety of disciplines
- Unique opportunity to see your work from your first input, to production all the way through to the customer

### Location / General:

- Work full time at our Swiss Office in Möhlin (near Basel), Switzerland
- Start immediately, considering possible notice.

### Company Profile



UMS Skeldar AG, a joint venture between Swiss based UMS Aero AG and Sweden based Saab AB, is a leading international high-tech company specialized in design, development, production and distribution of innovative technologies for our rotorcraft UAVs or RPAS-Remotely Piloted Air Systems.



**Interested? – Please contact us, we are looking forward hearing from you soon!**

For more information on UMS Skeldar AG, please refer to the company's website [www.umsskeldar.aero](http://www.umsskeldar.aero).