



Phoenix-Wings provides solutions in the field of Unmanned Aircraft Systems with Vertical Take-Off and Landing capabilities. Our team covers the complete cycle from design to manufacturing, the development of guidance, navigation and control algorithms, to flight testing and operation.

Situated in Munich – one of Europe's centers for future flight technologies – and backed by our parent company SF Express, we thrive on rapid development processes and access to growing markets worldwide.

Experience developing of aircrafts which have entered serial production enables our team to find the best balance between sophistication and time to market.

Let's shape the future of UASs together. Phoenix-Wings – Take Off. Next Level.

UAV Embedded System Developer

Embedded systems development for unmanned flying systems (Munich)

Your Mission

- Design and implementation of autopilot software components, communication protocols and system interfaces
- Software integration for different flying systems
- Verification & Validation in unit tests, simulation and real flight experiments
- Documentation to required standards

Your Qualification

- Degree in computer science, computer engineering or equivalent
- Strong background in Embedded C and C++
- Microcontroller peripheral programming, preferably with the STM32 family
- Interfacing of typical sensors, e.g. IMU, GPS, Airdata
- Hardware design, prototyping and debugging
- Linux operating system, network programming and scripting
- Version control and continuous integration tools
- Previous experience in drone field appreciated
- English language
- Positive and straight communication

Your Opportunity

We are looking for people with passion and the will to innovate. We want people who can collaborate and explore the future. We reward high performers and offer ample opportunities for advancement. We provide possibilities you can try and drones you can fly!

We got you ready to take off with us? *Submit your application to jobs@phoenix-wings.de*