



CycloTech GmbH is a technology company with start-up character in Linz, specialized in the development of flight propulsion systems. CycloTech provides customized solutions for the VTOL market by offering a propulsion technology that is unique in its performance. The patented technology and a dedicated team, with in-depth technical knowledge, provide the competencies to enable aircraft manufacturers to build the next generation of aircraft, for many UAV and UAM applications. For this development, CycloTech is looking for an

Flight Mechanics and Flight Control Developer (m/f/d)

As a part of the flight mechanics and flight control team, your responsibilities are:

- Design, creation, and adaptation of model-based control algorithms for aircraft (in Matlab / Simulink)
- Creation and adaptation of test environments for the control algorithms (SIL - Software in the Loop, HIL - Hardware in the Loop)
- Support for the integration of the control algorithms into the target hardware
- Collaboration in the creation of software and hardware architecture
- Close cooperation with development staff and operative project team
- Creation of software documentation
- Supervision of development projects from the first idea to the finished prototype

Requirements:

- Completed academic education (FH, TU) for flight mechanics and flight control, aerospace engineering with a focus on flight control or comparable fields, as well as at least 3 years of relevant professional experience
- Profound knowledge of Matlab and Matlab/Simulink
- Understanding of the operation of model-based control algorithms and nonlinear systems
- Practical experience with "Hardware in the Loop" (HIL, e.g. Speedgoat, Dspace, Vector) applications an advantage
- Self-reliance, reliability, punctuality, accurate and conscientious way of working, ability to work in a team as well as motivation
- Excellent knowledge of English

We offer:

- Exciting and challenging development work on a revolutionary technology in a young dynamic team
- Short decision-making processes and development opportunities
- Flexible working hours

Annual salary for the position is € 50,000 gross per year (full time). However, we are willing to overpay according to qualification and experience. If we have gained your interest, please send your motivation letter and resume to: e.gutlic@cyclotech.at