CycloTech GmbH is a technology company with start-up character in Linz. With our 360° thrust vectoring CycloRotors, we develop a new, sustainable, highly manoeuvrable, and environmentally accepted propulsion solution for the 21st century. We re-invent flying and make individual air mobility as normal as driving a car – opening the sky for everyone. For this development, CycloTech is looking for a

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
- Team events: BBQs, happy hours, teambuilding activities

We ensure proper compensation according to qualification and experience. If you are interested in this opportunity, please send your motivation letter and CV to: e.gutlic@cyclotech.at