As a young spin-off we are equipping drones with a new-generation low-cost technology package to reach full **GPS-independent autonomy**. The technology originates from our work at the **ETH Zurich**, the **University of Klagenfurt** and **NASA's JPL** and has been successfully proven by the **Mars *Ingenuity*** mission. We firmly believe that our technology will open **a new level of autonomy** for a wide variety of industries by finally transferring it from R&D to the industry. **Endless & affordable applications** for everyone – no fancy, expensive and bulky drones! We are currently finalizing our Minimum Viable Product (MVP) together with our partners in the agricultural sector before extending it to further industries (oil & gas, civil construction, security, port operations).
Our vision: to provide every commercial drone user and service provider with a low-cost product to upgrade their drones with maximum flexibility & reliability.

With a significant government funding already secured, we are offering (from Mar./Apr. 2023 on) 3 positions for

AI Software Engineers

Your tasks will include:

- **Design & train modules for AI-based pattern recognition** for specific use cases.
- **Responsibility to plan & implement pilot scenarios:** work with our partners/customers & our lead engineer to optimize the end-user interfaces.
- **Build partnerships:** gather & evaluate data support major savings for our customers; build customer trust.
- **Contribute to our product strategy:** apply your acquired knowledge to a long-term strategy.

Required skills:

- Machine learning, image processing; good knowledge in Yolo, Pytorch etc. is an advantage; experience with cloud-based data processing is an advantage
- Self-driven, pro-active, innovative; comfortable in working autonomously/in small teams
- Entrepreneurial mindset: thinking ahead, see the big picture, uncover opportunities

We offer:

- **Fully paid employment** – with university contracts & according benefits (salary according to applicant's level & Austrian university regulations); with share participation based on your performance.
- **Flexible work locations** – work at Klagenfurt is preferred but we live an open and flexible working culture
- **World-leading experts** in drone autonomy having worked on Mars' Ingenuity and countless space & aerospace projects
- **High-end testing facilities** with one of Europe's largest and most modern drone halls in Klagenfurt (Austria) to play around with our highly disruptive technology! Real-world applications with our customers
- **Passion for our cause** - a diverse team, an open mindset to bring autonomy to everyone – **be part of our lift-off team!**
- **Work where others go for holidays –** the campus of the University of Klagenfurt is located right at the Wörthersee.

Did we spark your interest? If so, we would be happy to get to know you by receiving your contact data, your CV and any relevant references regarding your experience in above mentioned or similar fields by email. We'll be continuously evaluating applications until all positions are filled.

Start and Contacts
Start: Mar./Apr. 2023 (or in mutual agreement)
Contact(s): Prof. Dr. S. Weiss (stephan.weiss@aau.at), A. Hardt-Stremayr (alexander.hardt-stremayr@aau.at)