



# We need you!

Voliro is developing the next generation of drones that can fly, see and touch. Thereby, the people, the drone enthusiasts, the engineering masterminds behind Voliro are the success factor to achieve the unthinkable. Currently, many technological challenges are ahead of Voliro. And that is how it should be. Challenges are there to be solved. Therefore, we are looking for a passionate individual to join our team and advance Voliro's core technology as a

## Robotics Engineering Intern

*Starting date: as soon as possible or by agreement*

*Duration: 6 months*

### Challenges ahead

- Flight testing and data acquisition
- Improving and tuning of flight control stack
- Sensor integration and evaluation
- Prototyping of mechatronic systems

You will support our robotic engineers in solving these challenges. Moreover, you will become a vital part of the developing team with insights in different areas within Voliro. You will gain experiences in software development, hardware optimization and integration. This internship will give you the chance to work within different areas and to find out in which direction you would like to develop yourself. A team of young robotics and automatization experts is happy to assist you with your personal development. Moreover, an internship at Voliro is also the perfect entry point to become full-time employee after the determination of your stay.

### Perfect fit

A successful candidate has excellent skills in mechatronics, a good understanding of robotics and is highly motivated to create ground-breaking technology. Equality of opportunity is exceptionally important to us. We attract and retain the best qualified individual available regardless of their personal or social background.

You will be evaluated based on three different pillars: personal fit, skill set and experiences.

### **Personal fit:**

A great team spirit and the shared vision to change the drone industry is our recipe for success. We are looking for team players who dare to share their opinion and challenge the status quo. Furthermore, you should be as fascinated about robotics and automatization as we are.



### ***Skill set and experiences:***

- Bachelor's degree in computer science, electrical- or mechanical engineering (or equivalent qualification)
- Experience in developing robotics related C/C++ code
- Used to work in a software team, Git, version control, code review, ...
- Outstanding general cognitive ability and problem-solving skills
- Autonomous, pragmatic, creative and highly motivated personality
- Excellent interpersonal and communication skills, good command of spoken and written English

### ***Bonus skills:***

- Experience with UAVs, (building, tuning, flying, ...)
- Familiar with PX4 flight stack
- Experience with real-time embedded systems, system identification, state estimation/control
- Python knowledge

### **Supporting environment**

We encourage our team members to impact the development of the next generation of drones. That is why we promote an open communication culture in which everyone can get involved. Diversity, different opinions and mindsets, are the breeding ground for break-through innovations.

### ***Moreover, we offer:***

- A working environment in which personal development takes an important position. Voliro will grow, but you should grow with it.
- Robotics and automation experts and drone enthusiasts as co-workers which are happy to share their knowledge.
- An open discussion culture in which you can impact the path we are walking on. You are the expert in a specific field, and we need your insights and experience for our successful future.
- A wonderful office shared with other start-ups in the heart of Zurich (1min from Central)
- Flexibility in working time and work-from-home options

We offer our employees a lot but expect outstanding work. If you are eager to revolutionize the drone industry together with an ambitious team send your CV and transcript to [jobs@voliro.com](mailto:jobs@voliro.com). We are interested in intellectually curious and highly motivated candidates which want to grow in an inspiring and challenging environment. Please reach out to us if you have questions or feel unsure about some requirements.

We are looking forward to meeting you in person and to share with you our challenges and vision.

Your contact person:



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