



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

Embedded Hardware and Electronics Engineer

Starting date: May 2020 or as soon as possible.

Challenges ahead

- Develop scalable and reliable custom electronics (architecture, schematics, PCB design)
- Write embedded code for custom electronics and fully test the system
- Rapid prototyping and feasibility testing
- Troubleshoot embedded systems, identify testing strategy of both hardware and firmware
- Coordinate projects with internal engineers and external contractors.

You will be responsible for designing new electronics for our hardware products as well as the software to operate them, using state-of-the-art technologies and interfaces.

Perfect fit

A successful candidate has excellent skills in electronics design, a good understanding of modern digital electronics and experience in development through to production. 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 a team player who dares to share her/his opinion and challenges the status quo. Furthermore, you should be fascinated about robotics and automatization as we are.

Skill set

- Bachelor's or Master's degree in electrical engineering.
- 4+ years industry experience in electronics / embedded SW development.
- Strong understanding of analogue and digital circuit design concepts.
- Proficiency in electronic design from component selection to board bring-up.
- In-depth embedded SW development skills (C/C++).
- Demonstrated ability to troubleshoot complex systems (electronics and firmware).



Experience

- Experience with STM32 microcontrollers
- Regulatory compliant design (EC, EMI)
- High speed, long range wireless links
- Experience with Kicad

A plus

- Software development experience within the Dronecode (or related) open source ecosystem

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)
- A competitive package including a stock option plan
- 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. 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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