

AirScale

Job Title: R&D Engineer (Electronics)

Company: AirScale AG

Location: Zurich, Hybrid

Duration: 3-6 months, 60-100%

Job Type: Paid Internship

Company Overview:

AirScale is an early-stage start-up based in the heart of Zurich. We are a small and dynamic team that thrives on innovation and creativity. At AirScale, we firmly believe that every individual has the potential to bring unique ideas to the table. In line with our beliefs, we are committed to giving our team members a platform where they can take responsibility and make a direct impact on our growth and success.

Supported by the Swiss National Fonds and Innosuisse, AirScale collaborates with leading hospitals such as the University Hospital Zurich (USZ) and the University Hospital Bern (Inselspital) to develop and validate its technology.

Job Description:

We are seeking a hands-on individual with a get-things-done mentality to join our team in the development and industrialisation of our medical product. You will work closely with the founders as well as highly skilled experts from whom you can learn directly. This position offers a dynamic environment with opportunities to innovate, build, and test our system to ensure it meets user needs and complies with international medical device standards.

Key Responsibilities :

- Test prototypes, generate and analyze system readings, troubleshoot issues, and solve technical challenges to ensure measurement accuracy and repeatability.
- Collaborate with the technical team and external partners to ensure that performance and safety requirements are met.
- Develop and implement verification and validation methodologies to ensure that product development adheres to regulatory standards.
- Prepare and maintain technical documentation (e.g., design history files, risk analyses, test reports, verification/validation protocols, and production specifications) in compliance with ISO standards.

Qualifications and Skills:

- Currently enrolled in or recently graduated from a Bachelor's or Master's program in Engineering (e.g., Biomedical, Electrical, or a related field).
- Practical experience in prototyping and developing electronic systems through internships, coursework, or personal hobby projects.
- Strong analytical and technical thinking, with the ability to build test setups and interpret data/readings.
- Affinity for regulatory affairs and willingness to work in a regulated environment.
- Detail-oriented and proactive, with the ability to work independently, take responsibility, and ensure organizational excellence.

 **Our Offer:**

- A vibrant and dynamic work environment at the ETH Student Project House, where you can meet various other startup teams.
- Hybrid work model: Work how you want and from where you want.
- The possibility of joining the startup after completing the internship.
- An opportunity to work directly and learn from industry experts.
- An inclusive team where every opinion matters.