

Job Title: Electronic Engineer (m/f/d)

Location: Lausanne, Switzerland

About us

Beyond Scroll is an EPFL spin-off based at the EPFL Innovation Park in Lausanne. We fill the gap of the hydrogen compression market at low pressure with our oil-free scroll compressors which enable a more energy-efficient green hydrogen production. To grow our team, we are looking for an enthusiast talented *Electronic Engineer* with a passion for innovation and making things come to life.

Your responsibilities

As an Electronic Engineer at Beyond Scroll, you will play a crucial role in designing, developing, and implementing advanced electronic systems for our compressors. Your duties will include:

- Collaborate with the R&D team to develop and optimize our product
- Conduct thorough research and analysis to identify areas for improvement in existing electronic systems.
- Design and implement control algorithms for various applications, leveraging artificial intelligence and machine learning techniques.
- Develop and execute test plans, conduct experiments, and analyze results to validate and verify system performance.
- Stay updated with the latest industry trends and emerging technologies in the field of electronic engineering.

Your qualifications

- Bachelor's degree or higher in Electronic Engineering or a related field.
- Strong expertise in inverter technology, electrical motors, and control systems.
- Solid understanding of artificial intelligence concepts and experience applying them to real-world applications.
- Knowledge of Computer-Aided Design (CAD) and Engineering (CAE) software.
- Hands-on experience with programming languages such as C/C++, Python, or MATLAB.

Complementary skills

- Strong problem-solving skills and ability to troubleshoot complex electronic systems.
- Excellent communication skills and ability to work effectively in a fast-paced environment.
- A passion for innovation, making things, and a desire to contribute to groundbreaking technological advancements.

If you are a highly motivated Electronic Engineer looking for a challenging role that allows you to leverage your expertise and create impact, we would love to hear from you. We also offer opportunities for growth and advancement within the company.

The official language of the company is English, but our team members also speak Italian, Spanish and French. To apply, please submit your resume and detailing your relevant experience and why you are interested in joining to hr@beyondscroll.ch.

We look forward to hearing from you.

Sincerely,
Beyond Scroll's team