

21.06.2019

Development Engineer Lithium Ion Batteries (100%)

The performance of today's lithium ion batteries (LIBs) is not where it should be. This is why Battrion has developed a novel fabrication technology for the production of LIBs. By changing the orientation of the graphite particles that go into the negative electrode, we can significantly increase the charge and discharge speeds. On top of that, we can make the production of LIBs more sustainable.

We are a young and dynamic ETH spinoff that has the goal of making better, more sustainable batteries. To help bring our technology to the market, we are looking for a development engineer with experience in the field of LIBs.

Your Responsibilities

- LIB cell prototype development, manufacturing and testing
- Create and develop software/hardware solutions to extend and improve Battrion's operations and R&D (e.g. manufacturing, process monitoring, sensing)

Your Profile

- Industry experience (2+years) in LIB prototyping: cell design, manufacturing (mixing, coating, assembly) and testing
- Advanced programming skills (favorably Python and/or C++)
- Basic electronics and mechanical engineering skills
- Experience in agile product development (hardware/software)
- Excellent communication skills in English (German favorable, but not required)
- Master Degree ETH/EPFL or equivalent or bachelor / FH degree with work experience
- You have a "Hacker" mentality
- You understand both fast prototyping as well as high-quality engineering solution
- You want to use your multi-discipline skills to contribute to the development of future battery technology
- Experience in patent writing (favorable)

We offer

- A dynamic working place with lots of way to bring in your creativity
- A young and motivated team with flat hierarchy and fast communication paths
- The chance to be part of a growing company

Start date: Immediate start

The location: Battrion's production facility is located in Dübendorf ZH, a short walk from Bahnhof Stettbach and the city of Zurich.

Please send your CV and cover letter to careers@battrion.com

For questions you can reach us at +41 44 585 1420