

16.09.2020

## Senior Software Engineer in ETH Startup (80-100%)

Lithium-ion batteries are changing the way we live and are vital to the transition to renewable energies. However, the performance of today's lithium ion batteries is not where it should be. This is why Battrion has developed a novel fabrication technology for the production of lithium ion batteries. By changing the orientation of the graphite particles that go into the negative electrode, we can shorten the charging time and increase the power under heavy load. On top of that, we can make the production of lithium ion batteries more sustainable.

We are a young and dynamic ETH spinoff that has the goal of making better, more sustainable batteries. To improve our efficiency in R&D/operations we are looking for a senior software engineer. We highly encourage women to apply for this position.

### Minimum Qualifications

- Bachelor's degree in Computer Science, similar technical field of study, or equivalent practical experience.
- Experience with systems design or coding in a general purpose programming language (e.g. Java, C/C++, Python).
- 3+ years work experience.
- Excellent communication skills in English (German favorable, but not required).

### Preferred Qualifications

- Professional coding experience in Python.
- Knowledge of testing methodologies and software development life cycle.
- Experience in conceptualizing software architectures to support business and production processes.
- 5+ years work experience (in relation to physical manufacturing favorable).

### Your Responsibilities

- Conceptualize new software solutions to improve efficiency and reliability of Battrion's manufacturing operations and R&D together with process engineers.
- Design, develop, test, deploy, maintain and improve software.
- Software quality assurance to ensure reliability of Battrion's software.
- Manage contributions from other developers (external and internal).
- Develop data analysis routines (manufacturing data, battery test data).

### We offer

- A dynamic workplace where you can apply your creativity to solve complex problems and contribute to the development of future battery technology.
- A young and motivated team with flat hierarchy and fast communication paths.
- A productive, efficient and fair work environment.
- The chance to grow with our company.
- Insight in a highly-relevant, international, strongly growing industry.

**The location:** Battrion's office is located in Dübendorf ZH, a short walk from Bahnhof Stettbach, Zürich.

**Starting date:** Immediately

Please send your CV and cover letter to [careers@battrion.com](mailto:careers@battrion.com)  
For questions you can reach us at +41 44 585 1420