

25.08.2021

Senior Industrialization Engineer

Do you have deep knowledge in prototype manufacturing processes, assembly and machining? Have you industrialized a manufacturing technology innovation before? The Senior Industrialization Engineer plays a key role in the roll-out of Battrion's products, through partnering with equipment suppliers, engineering companies and Battrion's development team to efficiently integrate the process, equipment, and test of new products.

Battrion is a deep tech startup, recognized in the industry for developing and manufacturing the best electrodes for fast-charging lithium ion batteries. We are constantly striving to establish new benchmarks for fast charging and sustainable mobility. To speed up our product roll-out, we are looking for a Senior Industrialization Engineer to start immediately. We highly encourage women to apply.

Your Responsibilities

- Lead component development of key product
- Lead contract engineering company and coordinate suppliers
- Contribute to concept development and major design decisions
- Independently propose, develop, and test functional prototypes
- Evaluate and select suitable manufacturing processes (e.g. CNC milling vs. sheet-metal)
- Create technical specifications and evaluate propositions (e.g. assembly process, tooling)
- Create and review CAD drawings and manufacturing documents
- Create calculations and simulations where necessary (e.g. heat transfer)
- Lead regular progress meetings, prepare technical summary for management

Required Qualifications

- Excellent communication in English (written, verbal)
- Engineering degree e.g. Mechanical, Manufacturing, Mechatronics Industrial engineering
- 3+ years' experience in a similar role
- Experience in the full cycle of new product development projects
- Proficiency in one modern CAD system (Inventor, SolidWorks or equivalent)
- Experience in agile product development and rapid prototyping
- Basic programming skills (Python, C++, or equivalent)

Preferred Qualifications

- German (B2) skills for supplier interaction
- Advanced engineering experience and 6+ years' experience in a similar role
- Electronics engineering skills
- Capable to create calculations/simulations in Python, Mathematica, or equivalent
- Successful track record of the leading product, process, equipment development projects in prototype and production environments
- Experience in Design for Manufacturability and manufacturing process design
- Experience in the industrialization of manufacturing technologies

We offer

- A dynamic workplace where you can apply your creativity to solve complex problems
- 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

Start date: Immediate start

The location: Battrion's office 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