

15.11.2021

Senior Mechanical Engineer

Do you have deep knowledge in mechanical design, prototyping, manufacturing processes, assembly, and machining? Have you participated in a technology industrialization effort before? The Senior Mechanical Engineer plays a key role in the roll-out of Battrion's technology, through designing key components, partnering with suppliers, engineering companies and Battrion's development team to scale up the hardware of our technology innovation for use in large-scale battery manufacturing.

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 Mechanical Engineer to start immediately. We highly encourage women to apply.

Your Responsibilities

- Lead development of key component (design, manufacturing, assembly, testing)
- 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. static load analysis)
- Lead regular progress meetings, prepare technical summary for management

Required Qualifications

- Excellent communication in English (written, verbal)
- Engineering degree in relevant field, e.g. Mechanical, Manufacturing, Mechatronics Industrial engineering (FH, university, or equivalent)
- 3+ years' work experience, ideally 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

Preferred Qualifications

- Successful track record leading product/process/equipment development projects
- Experience in design for manufacturability and manufacturing process design
- Interdisciplinary engineering skills (e.g. electronics, software, materials)
- Capable to create calculations/simulations in modern environment (e.g. Python or Mathematica)
- Basic programming skills (Python, C++, or equivalent)
- German (B2) skills for supplier interaction

We offer

- A dynamic and flexible 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