

Open position at nanoleq AG:

Smart Textile Engineer

Starting at 50%, 100% later

About nanoleq

nanoleq is a Spin-Off from ETH Zürich developing a soft wire technology which will change the way e-textiles are produced.

The smart textile industry is booming. ECG shirts, muscle activity tracking and electrostimulation suits for sports, breathing and temperature monitoring garments for health care and work-safety textiles are popping up on the market. However, the textile and electronics industries have not fully merged yet. Electric wires are rigid, fragile, not easy to insert into garments and they corrode under washing. Motivated by this challenge, and having worked with stretchable conductive polymers for years, we at nanoleq developed a new stretchable wiring solution which combines industry-standard lamination tapes with ultraconductive elastomers. Our solution will enable e-textiles to be comfortable, durable and easy to produce, and it will kick-start the large-scale production of e-textiles.

The work at nanoleq is interdisciplinary – between material, electrical, textile, mechanical and process engineering. We work with ETH Zürich, TITV Greiz (a leading German textile institute) as well as textile and electronics partner companies.

To strengthen our team in Zürich and to satisfy the needs of our customers, we are currently looking for a **textile engineer (50%)**.

About this position

In close exchange with the founders, you will start with helping us deal with ideas and requests coming from textile customers. You will try to understand which of them can be solved by using our product and you will fabricate demonstrators accordingly. You will also teach companies and research institutes how to integrate and adapt nanoleq's products to their processes.

Once you understand our technology and the smart textile environment better, your role will shift towards improving the product design and our production processes together with our textile partners. Your role will be crucial - with your practical contribution in the laboratory and your exchange with manufacturers, you will help us improve our understanding of the needs in the smart textile industry and assess the potential of future textile applications.

The position is starting at 50%. Next year we are planning to expand the team and increase this position to full time. This method is a good solution for a startup like us, to integrate the right talent and manpower early enough, and grow without re-hiring. It is also an opportunity for you to work part-time for a while with appealing perspectives in a growing company.

Ideally, you meet the following **requirements**:

- 5+ years of experience in the textile industry
- Hands-on knowledge about standard textile processes
- Experience in seamless textile technologies
- Good understanding of smart textile applications
- Excellent business and social skills to deal with customers
- Proficiency in English, German is a plus
- Swiss work permit or EU citizen

Your **personality**:

- You are confident and demanding enough to push a project without intensive supervision
- You are ambitious, never quite satisfied, fighting, and going the extra mile
- You are happy to join us for after-work beers and group activities 😊

What we offer

- Great responsibility from day one. Grow with us, professionally and personally
- Inspiring work environment in Zürich with Swiss life standards
- Access to ETH labs
- Exciting daily work: shape the future of smart textiles!
- Friendly and open team spirit
- High-speed decision processes
- Modern culture based on self-responsibility and trust, holidays above average
- Respectful environment, team activities, yearly company retreat

Ask yourself...

Would you like to work with stretchable conductive materials? Do you want to have an impact and create the new connectivity standard in the emerging and growing field of smart textiles? Do you want to make an awesome experience in a young, friendly, highly efficient and demanding environment? Do you need freedom while making use of your creativity in your daily work?

Write us at info@nanoleq.com and tell us why you are the right match for nanoleq. We look forward to meeting you!

