

Open position at nanoleq AG:

Rubber Extrusion Specialist

Starting at 60%, 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 for textiles 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.

To strengthen our team in Zürich and to upscale our production, we are currently looking for a **rubber extrusion specialist (60%)**.

About this position

In this exciting position, you will be responsible for the production of our stretchable conductors. You will schedule and operate a production line, which comprises silicone compounding and extrusion machinery. In addition, you will contribute with your know-how to further optimize and upscale the production process.

The position starts at 60%. During 2020 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 to 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.

In this position, you will have the following **responsibilities**:

- Compounding of conductive composites based on silicone rubber
- Running and optimizing a custom silicone extrusion line
- Engineering and designing new tools / machines
- Running a production line for integrating soft conductors into thermo bonding tapes
- Acquisition of new machinery
- Collaborating in a lab environment with material scientists and engineers to develop new processes and products

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

- 5+ years of experience in polymer processing and extrusion, preferably silicones
- Practical skills in making machine modifications
- Hands-on experience with polymer compounding

- 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 have 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!*

