

The top of the page features a background image of a misty forest with tall evergreen trees. The word "meloon" is written in a bold, lowercase, sans-serif font in black. Below it, the tagline "we enrich carbon" is written in a white, lowercase, sans-serif font.

meloon

we enrich carbon

Working Student (f/m/d) / Internship / Thesis / CTA

Ready to join a team of visionaries who are dedicated to solving one of humankind's greatest challenges?

Meloon unlocks the potential of waste streams through cost effective filtration technology. Our Vision is to capture a legacy load of carbon (1000 gigatons) to make future life on the planet possible. The captured carbon dioxide can then be reused or recycled as a raw material or completely removed from the atmosphere by safely storing underground. We help our customers on their way to net zero emissions and to become an impact company that is on the forefront of our global transformation.

We are backed by leading industry expert advisors and are part of AdMaLab, an advanced material incubator supported by the ESF Berlin. Since we started 1,5 years ago, we have been dedicated to designing a circular carbon economy behind our technology to restore a healthy balance of CO₂ in the atmosphere. Today we work tirelessly on our first prototype to make our vision reality.

We are an international team with diverse backgrounds. We are tackling a real problem that needs to be solved within this decade. Explore the future of carbon removal with us!

Your Mission

Job Description

Setting up and maintaining gas testing equipment:

- Assist in the installation, calibration and operation of gas testing equipment.
- Perform routine maintenance and troubleshooting on gas testing equipment.
- Ensure accurate data collection and reporting of gas unit tests.

Supporting pilot plants:

- Assist in the design, installation and commissioning of pilot plants.
- Monitor pilot plant operations and make necessary adjustments.
- Carry out regular inspections and maintenance of pilot plant systems.
- Design and assemble laboratory machinery and equipment:
- Assemble, install and maintain laboratory machines and experimental setups.
- Fabricate and modify parts required to perform laboratory experiments and operate pilot plant equipment.
- Ensure that all laboratory equipment is functioning correctly and safely.

General lab duties:

- Maintaining a clean and organised laboratory environment.
- Following all safety protocols and regulations.
- Assist in the procurement and inventory management of lab supplies and materials.
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Data management and reporting:

- Accurately documenting experimental procedures and results.
- Prepare technical reports and summaries as required.
- Assist in analysing and interpreting experimental data.

Your Story

Requirements

- Strong academic degree in chemistry, chemical engineering, materials science or similar, alternatively CTA training or chemical laboratory technician in training
- Proficiency in the assembly and maintenance of laboratory equipment.
- Strong mechanical aptitude and problem solving skills.
- Ability to read and interpret technical drawings and manuals.
- Basic understanding of gas testing procedures and equipment.
- Excellent organisational and documentation skills.
- Strong attention to detail and commitment to safety.
- Good command of the English language (B1)

What we offer: A horizontal organization, a great team, an improvement-oriented approach, and a deeptech venture with an innovative technology. Sounds like you? We are looking forward to meeting you! Then please send an email to hello@meloon.de. Feel free to give us a call on +49 176 72161336 if you have any questions.