



RESORTECS

Test Engineering Intern for Assembly (m/f/x)
Brussels – Belgium (4-6 months) - full time

Are you a driven Engineering student with a strong interest in generating knowledge from experimentation? Are you passionate about circular economy, fashion, as well as technology? Join us in leading the clean-tech revolution that will shape the future of fashion!

Resortecs is an award-winning start-up that develops technology to empower a smart way to realize textile disassembly, sorting, and recycling. This is driving full circularity and sustainability in the fashion industry without creative nor quality trade-off.

YOUR RESPONSIBILITIES

As a Test Engineering Intern in our Assembly Team, you will support development and validation of Resortecs' assembly products (i.e. Smart Stitch). The Resortecs' Smart Stitches, which are low melting point stitching threads, are key components in the Resortecs' innovative technology. You will participate in the following tasks:

- (1) **Testing of Resortecs' assembly products.**
Characterize existing Resortecs' threads and new prototypes. Assess and understand the properties of Resortecs' threads and validate new prototypes by performing in-house and outsourced tests. Analyse textile fabrics from brands and carry out a desk research to anticipate potential challenges of Resortecs' technology and organize relevant test.
- (2) **R&D developments.**
Assist and collaborate in the development of new products (threads, rivets,...). Identify the needs and requirements from our clients, assess the existing market, evaluate the economic feasibility, and plan the timeline and required resources.
- (3) **Know-how safeguarding.**
Compile and document all the learnings on the Resortecs assembly products through testing or desk research as well as update and improve the test protocols when relevant.

YOUR PROFILE

- You are an Engineering student with specialization in textile engineering, material science or equivalent.
- Knowledge and/or interest about textiles or polymer materials is important.
- You are hands-on and perseverant in nature, result oriented and have a pragmatic mindset.
- You are meticulous and have an interest in experiments and testing.
- You are a confident and independent fast learner, you can tackle challenges on your own.
- You have very good communication skills in English. Dutch or French speaking is a plus.
- You have strong PC/Mac literacy.
- You want to have a positive impact on society and nature.

OUR OFFER

- A dynamic and challenging start-up environment: you will be part of a small, motivated and diverse team that is leading the transition towards the circular economy.
- Innovative environment that can bring you personal growth and an interesting learning curve with many networking opportunities.

You want to apply? Send your CV and cover letter to daphne@resortecs.com