

R&D Internship – Product Development

Position: R&D Internship, ideally master thesis
Employment: 100% - 6 months
Company: Bcomp Ltd., Fribourg, Switzerland
Starting date: September 2023

POSITION OVERVIEW

Bcomp Ltd. is a young and dynamic Swiss company specialised in the development, marketing and sales of renewable natural fibre composite solutions for high performance applications. With a background in the sports industry, and after establishing ourselves in motorsports, we are now entering the large-scale mobility markets. We develop sustainable lightweighting solutions in close collaboration with our customers.

Bcomp is looking for an intern to support its high-stake Research and Development (R&D) activities in the thermoset team. This involves exploratory and characterization work on ampliTex™ and power-Ribs™ fabrics with the aim of developing the next generation of products.

MAIN TASKS AND RESPONSIBILITIES

- Main task 1** Explore effects of processing (autoclave and prepreg compression moulding) parameters on high-performance composites part quality.
- Main task 2** Explore effects of external factors such as storage conditions and material handling on high-performance composites part quality.
- Main task 3** Design and conduct experiments to validate observations and hypotheses established together with Bcomp's R&D team.
- Main task 4** Write complete R&D documentation reporting details about the test campaign and its main results.

QUALIFICATIONS AND PERSONAL QUALITIES

- B. Sc., or equivalent, in Materials Science or Mechanical Engineering. Ideally, master thesis student.
- Some experience, theoretical and practical, with composite materials engineering.
- Some experience, theoretical and practical, with materials characterization techniques.
- Fluent in English is a must, German or French are a great advantage.
- Autonomous and equipped with a strong sense of priorities.
- Striving to perform clean and meticulous work.
- Good communication and reporting skills.
- Respectful of all lifestyles, open-minded, and trustworthy.
- Creative and driven mindset – when all else fails, think outside the box.

ABOUT US

We are a small, dynamic, international team working in a fast-paced, equal, and entrepreneurial environment. Each person takes responsibility for their work and contributes to a friendly work atmosphere.

More information at www.bcomp.ch

Come on board and contribute to the development of our processes and products with your technical and practical knowledge, and take part in the healthy working atmosphere of our company. We happily invite you to send us your full application through.

workwithus@bcomp.ch