## Composites

# Composites Engineer



## OUR STORY

**UGent Racing** is a team of more than **70** ambitious, motivated and talented **students** who build an **electric** and **autonomous driving racecar**. The team consists both of engineering students and business students. UGent Racing aims to participate in the **Formula-Student Competitions** which are organized during the summer months across different European countries. Moreover, UGent Racing intents to have a **positive impact on society** by contributing to the mobility of tomorrow and forging higher education of the future.

## YOUR RESPONSIBILITIES

As a composite engineer, you will be part of the new **composite subteam.** The general goal of improving a race car design is **reducing** its **weight**. To achieve this goal, UGent Racing is recruiting composite engineers to research and develop the knowledge and practical know-how on composite design. In a first stage, this will involve **performing research** on how to design with composites, applying this research to your own **design** and **numerically validating** the mechanical properties of this design. In a second stage, you will **produce** test components to **experimentally validate** the design and production process and later manufacture the component itself.

## YOUR PROFILE

- Highly motivated
- Committed
- Open-minded
- Communicative
- Basic knowledge about composites
- Passionate about composite design

## OUR OFFER

- Be part of a young, ambitious team of engineers and business students
- Apply your theoretical knowledge when developing useful applications
- Get the chance to participate in the international Formula Student Competitions
- You will learn to design with composites
- Practical manufacturing of your own composite design

## INTERESTED?

Fill in this form together with your resume and motivational letter and we'll reach out to you soon. Contact us through recruitment@ugentracing.be if any questions would pop up.