# UGent Racing 2023 - 2024

## Aero

# 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 an composites engineer, you will be part of the **composites subteam**. The general goal of improving a racecar design is **reducing its weight**. To achieve this goal, UGent Racing is recruiting composites 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 produce composite parts and advising other teams in their design, combined with **numerical validations and simulations** in specific software. In a second stage, you will be responsible for **manufacturing** these components. The specific components that need to be manufactures are all the aero parts, the body panels and the battery container.

## 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
- Learn to design with composites. Additional education/training will be provided
- Experimenting with composites

## 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.