

UGent Racing 2025 - 2026

TEAM ELECTRICAL BMS ENGINEER



OUR STORY

UGent Racing is a team of more than **90** ambitious, motivated and talented **students** who build an **electric** and **autonomous driving race car**. UGent Racing aims to participate in the **Formula-Student** Competitions which are organized during the summer months across different European countries. Moreover, UGent Racing intends to have a **positive impact on society** by contributing to the mobility of tomorrow and forging higher education of the future.

YOUR RESPONSIBILITIES

As BMS engineer you'll be responsible for designing the PCBs for a custom Battery Management System.

This includes PCBs to make the connection between the batteries and a readout PCB, the readout PCB, the control PCB, high voltage isolation PCBs, ...

These PCBs are strictly regulated by the competition and offer a lot of interesting problems to solve.

You'll also be working in close collaboration with the accumulator and software subteam.

YOUR PROFILE

- Highly motivated
- Committed
- Responsible
- Communicative
- Intermediate electronics knowledge
- Some experience with PCB design
- Creative problem solving

OUR OFFER

- Be part of a young, ambitious team of students
- Apply your theoretical knowledge in a real-life case
- The chance at designing an intricate system of multiple PCBs
- Collaboration between different areas of expertise
- Get the chance to participate in the international Formula Student competitions

INTERESTED ?

Contact us through info@ugentracing.be if any questions would pop up.