Autonomous

Mechanical 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 mechanical engineer within our mechatronics division, you will play a crucial role in bridging the gap between our mechanical teams and the Autonomous team. Your primary objective will be to facilitate the **design and fabrication of mechanical compoments** in the car from an Autonomous perspective, with a particular focus on systems such as electrical steering and braking. While this role need not be fully integrated into the Autonomous team, it will require you to collaborate closely with them to ensure that mechanical designs align with their needs. You can also work as a member of a mechanical team leveraging your knowledge of our requirements to support the transition from driver to driverless cars.

YOUR PROFILE

- Knowledge of mechanical engineering
- CAD experience (preferably Siemens NX)
- Highly motivated
- Committed
- Open-minded
- Communicative
- Creative

OUR OFFER

- Be part of a young, ambitious team of engineers and business students
- Get the chance to work on an actual self-driving platform: Pegasus
- Apply your theoretical knowledge when developing useful applications
- Get the chance to participate in the international Formula Student Competitions
- See your own design coming alive on the new UGent Racing car

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, please feel free to ask.