



UGent Racing 2024 - 2025

Driver Ergonomics Mechatronics Engineer



OUR STORY

UGent Racing is a team of more than **80** ambitious, motivated, and talented **students** who build an **electric** and **autonomous driving race car**. 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 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 a mechatronics engineer within our mechanical division, you will play a crucial role in bridging the gap between our Mechanical team and the Autonomous team. Your primary objective will be to facilitate the **design and fabrication of mechanical components** in the car from an Autonomous perspective, with a particular focus on systems such as electrical steering and braking. This role will require you to collaborate closely with other teams to ensure that mechanical designs align with their needs. You will use your knowledge as a mechanical engineer to meet requirements which support the transition from driver to driverless cars.

YOUR PROFILE

- Knowledge of mechanical engineering
- CAD experience (Solidworks or 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 car
- Apply your theoretical knowledge when developing useful applications
- Get the chance to participate in the international Formula Student Competitions
- See your own design come to life on the new race car

INTERESTED?

Contact us through recruitment@ugentracing.be. If any questions would pop up, please feel free to ask.