



Electronics Software

Green innovation meets performance

Our Project

Formula Electric Belgium is a team of engineering students who build a **Formula-Student racecar** to compete in international competitions. We design and build a brand-new car every year and compete with other teams in multiple worldwide competitions during the summer months. Formula Student is by far the biggest **engineering competition** in the world and continues to grow. From next year on, we will be competing in both the **electrical** and **driverless** competition. You can join the project as a volunteer, this allows you to contribute to the next race car whilst keeping a flexible schedule.

Tasks

Electronics is an important part of the car. Without it you will be able to roll the car but you can't drive it.

A lot of our electronics are ultimately a way to translate our software to the real world. A good example of this is the ECU, the ECU controls the dashboard of the car. We have a **GUI** which is controlled by a joystick in which we can change all kinds of settings. The ECU runs on **Linux**, you can get a **hands on experience** with creating your own **software environment**.

This is just an example of a case, there are many more which you can work on. Together with the electronics team we can look at **your interests** and the remaining tasks to figure out the best and most enjoyable way you can support us.

Profile

- Knowledge about general electronics
- Problem solving skills (creativity)
- Team player with a goal to learn

Returns

- A unique engineering experience
- Contact with companies at the leading edge of technology
- Applying your engineering skills in the real world
- Developing your hard- and soft-skills in a company-like environment
- Work in a team with young motivated engineers

Up for the challenge?



Want to do a similar case within the team? Submit your **resume** and **motivation letter** (one page) to volunteers@formulaelectric.be