DRIVERLESS

What is Driverless?

In the Driverless category, the race car competes fully autonomously, without a human driver. The vehicle must independently perceive its environment, interpret track boundaries, plan its path, and control steering, acceleration, and braking on its own.

Our task is to design and integrate the systems that make this possible. Driverless connects software, electronics, and vehicle dynamics in one of the most technically demanding areas of the team.

If you enjoy coding, have strong software skills, and love solving complex technical problems in a team-oriented environment, this is the place for you!

APPLY HERE!

Your Tasks:

- Develop and maintain software in C++
- Work with estimation pipelines utilising SLAM
- Advance perception systems
- Hardware integration
- Conduct simulations and data analysis
- Develop autonomous path planning algorithms
- Debug and optimise software

Requirements:

- Good English communication skills
- Preferably studying Computer Science or a related field
- Knowledge of at least one programming language, preferably C++
- Basic knowledge of Git and Linux
- Strong teamwork and collaboration skills
- Commitment and enthusiasm for the project