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innoptus
SOLAR TEAM

AERODYNAMICS

INNOPTUS SOLAR TEAM

THE PROJECT

The goal of the project is to build the twelfth Belgian solar car. With this car, you will participate in the world championship for solar cars in Australia, the Bridgestone World Solar Challenge 2027. You will go through the whole process of designing, producing, testing and racing, together with a group of ambitious and motivated students. With numerous companies, you will develop new innovations to build the most efficient solar car. In the end, you and your team will compete against universities from all over the world to compete for the first place. This project will help you become a state-of-the-art engineer!

THE FUNCTION

As an Aerodynamic Engineer you design the complete exterior shape of the new solar car. The first six months will be extremely intensive, as the aerodynamic shape is a starting point for the other departments. You will become an expert in the latest CAD, meshing and simulation programs, must work closely with others departments to push the limits technically and gain deep insights into the aerodynamics of a car. Also improving the internal aerodynamics of the solar car is part of your duties. The final design will then be produced during the production phase, where you will act as a helping hand to monitor the quality of the finish. A creative mindset and an eye for detail are extremely important for this position.

YOUR PROFILE

- A motivated team player with strong communication skills
- A creative, out-of-the-box mindset with an eye for detail and finishing
- Motivated technical draftsman or broad analytical thinking
- Bachelor’s/Master’s degree
- Ready to put a lot of time and effort into this project!
- A practical attitude and knowledge of CAD & CFD is an additional asset

OUR OFFER

- A project full of experiences you don't get in your normal studies
- Experiencing a real engineering project from start to finish
- Have a decisive hand in the design of the exterior shape of the latest solar car
- Being in contact and cooperating with the largest companies in the industry
- A group of friends and an international racing adventure to remember
- The experience of a lifetime and so much more!

Interested? Send your **CV** and **motivation letter** to **recruitment@solarteam.be!**