

PUNCH POWERTRAIN SOLAR TEAM

STRUCTURAL DESIGN

THE PROJECT:

The objective of the project is to build the eighth Belgian solar car and participate in the Bridgestone World Solar Challenge. You will have to build a competitive solar car to beat the best universities of technology in the world. You will go through the process of designing, building, testing and racing a race car together with a group of ambitious students. You will work together with numerous companies to develop new innovations. This project will help you become a state of the art engineer!

THE FUNCTION:

As a structural engineer you are responsible for the design and the production of the carbon fiber structure of the solar car. You will optimize a strong, stiff and reliable design in close collaboration with the Aerodynamics and Mechanical Systems departments. To achieve this goal you will use exclusive software packages.

Together with the Production Manager you will do research on composite materials and decide which materials will be used to produce the car.

After the design you will make a manual to finally produce your own parts and work closely together with companies to finalize the design into a producible part.

YOUR PROFILE:

Highly motivated teamplayer

Bachelor/master Engineering Technology or Bachelor/master of Engineering

Ability to work independently

OUR OFFER:

- Discover true engineering from concept to execution and measure up to the world class teams
- Graduate with more experience than any other engineering student
- Get trained in specialized courses and software, used all over the world
- Contact and collaborate with leading companies in the industry
- A racing adventure in Australia during the Bridgestone World Solar Challenge
- A lot of fun events from both the Solar Team and partners
- The experience of your lifetime and so much more!

INTERESTED?

Send your RESUME and MOTIVATION LETTER to

recruitment@solarteam.be