

RACE ENGINEER

SOLAR TEAM



THE PROJECT

We contribute to the future of mobility. Innovation has always been our cornerstone to create the best solar car in the world. This year, we are looking for pioneers to challenge the status quo and bring our top-notch solar car to the next level. You will have to go through the process of researching, designing, prototyping and testing your systems together with a group of highly motivated, ambitious students. You will work together with your team members and numerous companies to develop new innovations. After completing the improvements to the solar car, these will be put to the test in an international competition against other top teams from around the world. Past competitions have included one in Chile and one in South Africa. Improving a world record has also been achieved by one of the previous teams.

THE FUNCTION

As a Race Engineer, you take responsibility of the preparation of your race and its strategy. You are the one who focuses the team on the race and helps everyone to maximize their potential. By delivering data and insights, the team can make the right design decisions. While everyone focuses on the car, you will test your team upon racing it, by organizing race simulations.

Next to that, you upgrade the strategy program and integration of data monitoring, automate the use of satellite imaging and experimentally verify the car's parameters. During the race, you are the one to decide the speed of the solar car, based upon weather forecasts, live satellite images, the route and the energy consumption of the car. Your own input in making this a success is very much required!

YOUR PROFILE

- * Motivated team player with strong communication skills
- * An extravert, and entrepreneurial attitude
- * Broad, analytical thinking skills
- * Large degree of independence
- * Soft skills to initiate collaboration with companies
- * A creative, out-of-the-box mindset
- * A bachelor or master degree in Engineering Science or Engineering Technology
- * Ready to put a lot of time and effort into this project
- * Bonus points for being an excellent programmer

OUR OFFER

- * A project full of experiences you don't get in your normal studies
- * Experiencing a real engineering project and its different phases
- * 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!