



ELECTRICAL (E)

The Subsystem

As the E-Team, we manage everything from the power harvested by the solar panels, to energy storage in the battery, and the conversion of that energy into motion on the road.

Beyond powering the car, we handle driver inputs, control peripherals, measure and log data and ensure real-time telemetry.

Our main priorities are safety and reliability, while we continuously strive to improve efficiency and user interface.

Your Requirements

- Enthusiasm for the project
- Ability to work on your own and show initiative
- Ability to develop your own ideas and solutions
- High level of commitment and motivation
- Subsystem related knowledge and skills (advantageous, but not required):
 - Embedded Systems
 - Power Electronics
 - PCB Design
 - Software Development

Our Tasks

- Photovoltaic system
- Battery assembly and monitoring
- Power distribution and Safe State
- Powertrain
- Driver Interface
- Rear Vision
- Lights & Horn
- Sensors
- Data logging & Telemetry
- Electrical Integration

We Offer

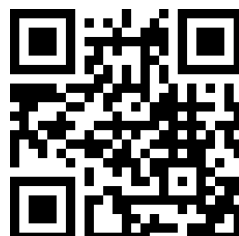
- Gaining practical experience and develop engineering skills
- Ability to take ownership and shape the outcome of the project
- Interaction with Industry partners
- Being part of a interdisciplinary, close-knit team
- Participation in the World Solar Challenge: THE Adventure of your studies

Application

Apply by filling out our Application form.

Scan the QR-Code or click below

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