

About the Summer Design Team:

[Cambridge University Eco Racing \(CUER\)](#) is gathering a group of 9-11 students to perform the detailed design of its 2019 solar car. In keeping with its vision of shaping the future of transport, CUER is moving away from its single seater car design to a more practical passenger car design which we intend to be able to drive on UK roads - a most exciting change!

This Summer Design Team (SDT) will have the objective of producing a competitive design for the 2019 World Solar Challenge. This will involve producing a fully designed and tested vehicle in CAD that will be ready for manufacture before Michaelmas 2018. The Technical Manager and Programme Director will be responsible for managing the team to ensure this goal is met. Each placement student will be supervised by a CUED academic. You will also work with CUER's Leadership Team, CUER Alumni and Industrial Partners.

This process will be highly collaborative, with all projects naturally interlinked. By the end of the summer, all members will have developed close bonds and we hope will continue to be core members of CUER.

Time constraints:

Your commitment will be for 10 weeks with provisional dates of 2nd July to 7th September 2018. If you cannot make the full dates, we are happy to discuss options for accommodating your needs.

Additional details:

- You will receive a bursary of **£250/week** + up to 4 days holiday allowance (up to 3 of these may be taken in a single week).
- You will acquire/develop a variety of skills which are viewed favourably by engineering employers e.g. Solidworks, C++, Fluent, communication skills, team working skills.
- You will be expected to attend an introductory session before the end of Easter Term and read all briefing documentation, including a full vehicle specification outline before the official start date.
- This project may count towards your Industrial Placement requirements.
- There will be opportunity to join additional activities over the course of the summer, including outreach and publicity events, technical testing sessions, and trips abroad.

Next steps:

To apply for this placement or ask any questions, please email join@cuer.co.uk.

For more information about the team, visit www.cuer.co.uk.

Please send a **CV** and a **cover letter** detailing your interest in the team and the project, as well as any relevant experience. Please title your email "**SDT Application – YOUR NAME**" and in it **rank** the projects you would like to apply for (you can send a single application for multiple roles). While some projects have similar requirements, you may find writing your application difficult if you spread yourself too widely.

Applications close at **18:00 on Sunday, 25 February**, after which suitable candidates will be contacted and invited to interview before the end of Week 4 of Easter. We will give you advanced notice of the format.

Once interviews are complete, we will inform you of the result of your application as soon as possible. In deciding, we will consider your preferences, how well we think your interests and abilities fit the projects and how they compare to other applicants. Hence, you may be given a project outside those listed in your preferences.

Throughout this process we ask that you reply promptly to any communications to avoid delays.