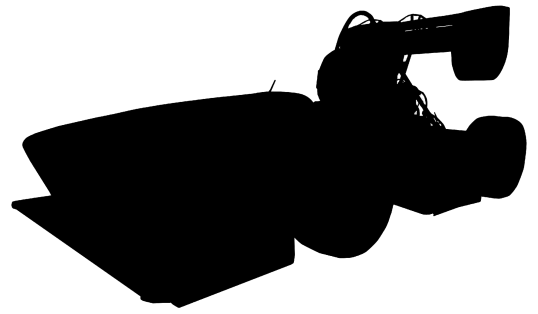




LiU FORMULA STUDENT
Where students become professionals



LiU Formula Student is an organization at Linköping University that competes in the world's largest design and manufacturing competition for students at collegiate level. The project offers a great opportunity to challenge yourself and develop the skills needed to excel at your job after graduation. We are now looking to recruit **you** for our next project, ER20.

Subteam: Powertrain

The team

The Powertrain group is tasked with providing systems that enable the car to accelerate quickly around a track. These systems include those that are attached to the engine and drivetrain. They work to optimize power output, while still putting a large focus on increasing drivability and decreasing fuel consumption.



Position: Cooling

Who are you?

You have an interest in combustion engines and it is a merit if you have relevant experience both theoretical and practical. You know how to perform simple thermodynamic hand calculations and it is meriting if you have experience from CFD and heat transfer problems

Main tasks

You will be responsible for the whole engine cooling system and determine both layout and specific parts like radiators, pumps, pipes, fans and radiator shrouds. Physical testing and model creation from test data will be a big part of your work.


Basic qualifications

- Thermodynamics
- Fluid sciences
- CAD

Preferred qualifications

- FEM
- CFD

Please contact Mayur Vaghjiani if you have any questions.

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