Senior Engineer (m/f/d) 3D-CFD Simulation

Don't just go to work; become part of a unique company within a fast-moving industry. TOYOTA GAZOO Racing Europe – creating excitement through team spirit and advanced technology!

We are looking for a Senior Engineer (m/f/d) 3D-CFD Simulation to be a part of our works motorsport team in Cologne, Germany. Are you a team player who thrives on responsibility, with strong analytical and negotiating skills? Then you are the right person to take on this challenge. Experience team work and be inspired by the passion of our 450-strong workforce for motorsport and automotive projects.

Your tasks:
- 3D-CFD reactive and non-reactive flow simulation e.g.
  - port flow simulation, development, optimisation
  - ICE, in cylinder flow simulation
- 3D-CFD thermal management e.g.
  - CHT simulation
  - cooling simulation and optimisation
  - engine / vehicle thermal management
- Turbomachinery e.g.
  - water pump simulation and optimisation

The successful candidate will:
- have a Master's degree or equivalent in engineering
- be proficient in Star CCM+, CONVERGE, and Mode Frontier
- have a good working knowledge of Cattle V5 as a bonus
- be a real team player and be used to work in a structured, thorough and self-organized manner
- be able to write and speak professional English, additional German language skills are an advantage

What we offer:
- exciting projects and a place for technical freedom and innovation to get things moving
- attractive benefits packages e.g. competitive remuneration, social benefits, 30 days annual holiday, car leasing, free on-site gym
- a challenging, fulfilling workplace in a multi-national company within a familiar atmosphere - driven by fascination and passion