Engineer (m/f/d) 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 an Engineer (m/f/d) 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:

- 1D CFD-simulation
  - ICE 1D-CFD performance model development
  - Thermal/cooling system simulation for BEV and ICE vehicle
  - Fast running models
- 3D-CFD thermal management e.g.:
  - CHT simulation
  - Cooling simulation and optimisation
  - Engine / vehicle thermal management
- 3D-CFD reactive and non-reactive flow simulation

The successful candidate will:

- Have a Master’s degree or equivalent in engineering
- Have some experience in 1D and 3D-CFD simulation within a professional Environment
- Be proficient in GTPower, Cantera and Mode Frontier
- Have a good working knowledge of Catia V5 would be a bonus
- Have interest in working in an international team and show intercultural competences, affinity with Japanese culture.
- Be a 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