Master thesis/ Intern (m/f) on multi-phase CFD
Job No. 3075558, Garching

About us
GE Aviation Munich is a R&D center of excellence and is in the heart of southern Germany, on the Garching campus of the Technical University of Munich. This creates a unique blend for our engineers to be in a university setting, while performing research and development in a world-class industrial environment that is dedicated to bringing innovative technologies to market. Within the R&D community, the center maintains close partnerships with numerous universities, research institutions and technology companies in Germany and abroad.

Responsibilities
• The work is going to cover complex multi-disciplinary problems where the student is asked to pro-actively propose various discretization solutions to capture the key parameters and the relevant outcome balancing time and accuracy
• It will involve the setup of complex numerical models, results post-processing the results, as well as interpretation of multi-phase CFD data for the definition of thermal boundary conditions
• Your specific responsibilities will include:
  o Setup of numerical models
  o Interpretation of numerical results
  o Creation of best practice guidelines

Qualifications
• Bachelor in Aeronautical Engineering or Mechanical Engineering with related focus
• Technical knowledge of aerodynamics, turbo machinery and heat transfer
• Team-work & commitment in a complex multi-site network structure
• Excellent communications skills
• Can-do attitude, open and creative
• Fluency in English, German is a plus

In case of questions please reach out to Anna Lena Mehnert, recruiter for this role, phone 069/450909130.

We look forward to receiving your [online application](#)

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