9336 11941 Engineer for electrical systems simulation (f/m/d) Would you like to reach the next level in your career? At Brunel you have the opportunity to continuously develop yourself with well-known customers - across all industries. Take the decisive step in your career today and apply to us as a simulation engineer.  
  
Job description:  
  
- Your main task is the simulation and optimization of the interaction of the electric machine, inverter (converter) and software for the functional attributes such as torque accuracy, torque dynamics, torque ripple.  
- In your position as an engineer you are responsible for creating and updating the simulation model for motor and inverter combinations, as well as supporting functional safety analyzes and tolerance analyses.  
- Analysis of specifications including technical standards is also one of your tasks.  
- You are the contact person for internal and external customers.  
- Your area of ​​responsibility will be rounded off with the creation of component and system test specifications including releases.  
  
Your profile:  
  
- University degree in engineering or equivalent training in electronics  
- At least 2 years of professional experience in the field of E/E in the automotive environment is an advantage  
- Experience in the production processes of e-machines is an advantage  
- Knowledge of English according to the European reference level C1  
  
We offer:  
We offer you a corporate culture that is characterized by the diversity of our employees and by mutual respect - between employees and at all levels of the company. In addition to varied get-togethers with the local Brunel teams, this also includes regular feedback discussions about your challenges and perspectives with your account manager. With individual further education and training you will be optimally supported and prepared for future projects. Unlimited employment contracts, 30 days vacation, work account regulations and company, employer-financed pension schemes are a matter of course for us.  
  
About Brunel:  
Working at Brunel means: Attractive work tasks, extraordinary career prospects, the security of an expanding engineering service provider and the whole diversity of engineering and IT. In the DACH-CZ region alone, we have more than 40 locations and development centers with accredited test laboratories and more than 120 locations worldwide with more than 12,000 employees in over 40 countries. More than 45 years of international success and over 25 years in Germany. Standing still means going backwards - with Brunel you can make a difference! Engineer - electrical engineering More than 2,800 engineers, technicians, computer scientists and managers  
Over 40 locations and development centers with accredited testing laboratory  
More than 45 years of international success and over 25 years in Germany  
more than 120 locations worldwide with more than 12,000 employees in over 40 countries 2023-03-07 16:09:41.125000