Automotive Engineering Design Systems (EDS) *Türkiye*

Arbeitsort: 34122, Istanbul

<mark>Jetzt online bewerben!</mark>

Was Sie erwartet:

- Key Responsibilities:
- CAD Design: Design of vehicle components and assemblies in 3D using software such as CATIA, SiemensNX, Autodesk Inventor, SolidWorks, or PTC Creo.
- CAE Analysis: Perform Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), and acoustic/vibration analyses using tools such as ANSYS, ABAQUS, Altair HyperWorks, and ANSYS Fluent.
- PLM Management: Manage and coordinate product data and design changes using SiemensTeamcenter, Dassault Systèmes ENOVIA, or PTC Windchill.
- CAM and Manufacturing: Program manufacturing machines to produce vehicle parts and integrate manufacturing processes into the design workflow.
- Vehicle-Specific Simulations: Conduct vehicle dynamics simulations and suspension design using tools like CarSim, MSC Adams, or Simpack.
- Electro- and Mechatronic Systems: Develop and integrate Battery Management Systems (BMS) and electric drivetrains, as well as mechatronic systems for modern and autonomous vehicles.
- Vehicle Software and Embedded Systems: Program embedded systems and develop software for ADAS

Was Sie mitbringen:

- Bachelor's or Master's degree in Vehicle Engineering, Mechanical Engineering, Mechatronics, Electrical Engineering, or a related field.
- Strong experience and knowledge in the use of CAD software such as CATIA, Siemens NX, SolidWorks,or PTC Creo.
- Experience with CAE software for FEA, CFD, and acoustic analysis (e.g., ANSYS, ABAQUS).
- Experience with PLM software (e.g., Siemens Teamcenter, Dassault Systèmes ENOVIA).
- Knowledge of vehicle dynamics simulation, particularly with tools like CarSim and MSC Adams.
- Experience in developing electric vehicle technologies, BMS, and electric drivetrains.
- Experience in programming embedded systems and software development for ADAS and autonomous driving.Knowledge of vehicle software architectures and standards like AUTOSAR is a plus.
- Experience with Big Data and Machine Learning for data analysis and predictive maintenance.
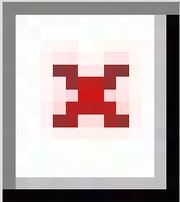
(Advanced Driver Assistance Systems) and autonomous driving.

- Data Analysis and Big Data: Process and analyze sensor data to improve vehicle performance, safety, and efficiency, including the application of machine learning techniques.

We are looking for a skilled and experienced engineer to join our Automotive Engineering Design Systems (EDS)team. The ideal candidate will have expertise in the development and design of automotive components and systems, utilizing cutting-edge software tools and technologies to optimize vehicle and vehicle system designs.

Schwerbehinderte Menschen beziehungsweise gleichgestellte Menschen im Sinne des SGB IX werden bei gleicher Eignung bevorzugt eingestellt.

Was wir können:

Kontakt:

Eda Erdem
Tel.:
www.bertrandt.com/karriere

Teilen: