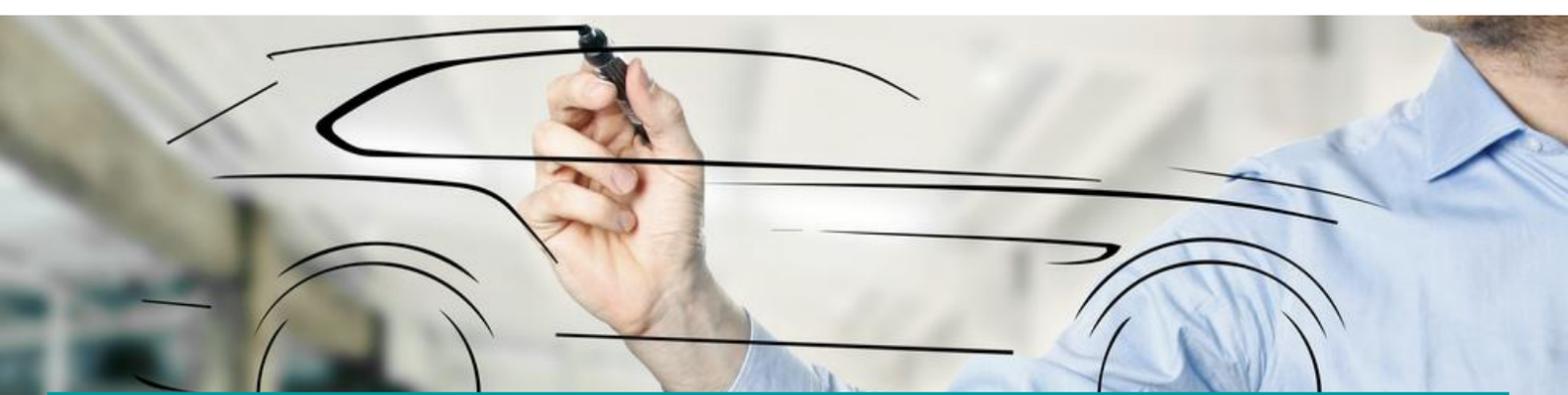


FUTURE JOB ROLES



ENGINEERING AND RESEARCH & DEVELOPMENT

FUNCTIONAL SAFETY MANAGER STRATEGY LEVEL



In modern cars, 90% of the functions are controlled by software, electronics and mechatronics.

Electronic and software faults can lead to failures in cars which can be hazardous, such as e.g. no steering, steering blocking, no brake, self-driving car decisions etc.



The use of software and electronics in the car leads to potential hazards which need to be managed in automotive projects. Norms like ISO 26262:2018 - Road Vehicles Functional Safety Standards need to be considered in the homologation process of cars.



The new emerging functional safety manager strategy / corporate level role requires to set up a functional safety policy and strategy, to establish functional safety processes and to create an understanding of the impact of functional safety in automotive development projects.

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