

# FUTURE JOB ROLES



## GENERAL

### AUTOMOTIVE QUALITY ENGINEER (AQUA)



The emergence of cyber-physical automotive systems over the last decades has affected the development of vehicles, promising to improve the safety of drivers and support new applications. The deployment of these systems is leading to a strong re-organization of the automotive market and the next evolutionary step of automotive engineering.



However, the common approaches for dependable system development now need to be adjusted and combined. Understanding the design, structure and integration of the necessary development teams is required. There is currently a lack of such available inter-domain experts.



Due to the emerging complexity a superordinate concept regrouping different system attributes (such as reliability, safety, security or availability) relies on mature quality management and development methods. The focus is set on the need to address all these system attributes in combination (and not independent from each other) and over the different engineering teams with the same emphasis.

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