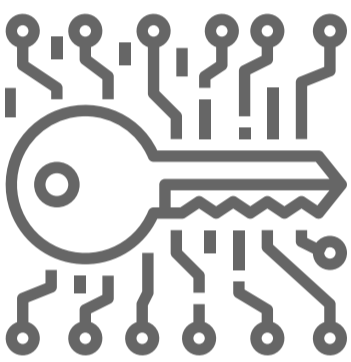


FUTURE JOB ROLES



ENGINEERING AND RESEARCH & DEVELOPMENT

AUTOMOTIVE CYBERSECURITY TESTER



Car functionality depends more than 80% on software. New ADAS (Advanced Driver Assistance Systems) and highly autonomous vehicles are based on a network of electronics, software and car to x communication.



The use of software and networks in cars opens the door for cyber attacks. First cybersecurity attacks already took place and all new car models require to follow automotive cybersecurity norms, such as ISO 21434 and SAE J3061.



The new emerging cybersecurity tester role requires to set up a project specific cybersecurity test plan and test suite, which allows to simulate attacks. Specific knowledge about new test methods such as penetration testing is required.

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