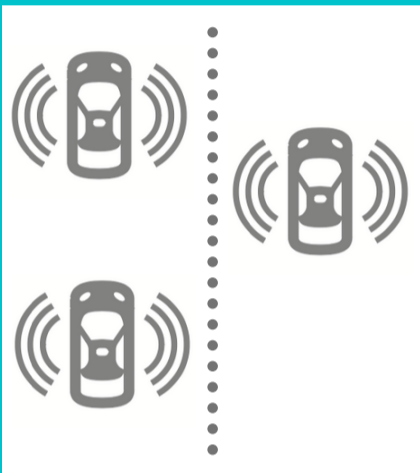


# FUTURE JOB ROLES

## ENGINEERING AND RESEARCH & DEVELOPMENT

### CONNECTED VEHICLES EXPERT



In terms of providing a wider autonomy of the vehicles, the design of new systems is important to cover the communications and the connections among vehicles as well as the connections with the infrastructure. The key of autonomous vehicles is to be connected with both vehicles and infrastructure.



The communication among the vehicle or v2v communication is one of the most important challenges today. The need of transmitting data among vehicles and between vehicle and infrastructure is the base for Intelligent Transport Systems applications and the need of reliable solutions is generated by the road safety.



The role of Connected Vehicle Expert (CVE) is to design and develop devices and applications able to connect vehicles and exchange data. The expert uses the existing communication technologies as well as existing platforms to exchange data among vehicles and infrastructure. The CVE is able to use the following: software engineering, electrical engineering and computer science. CVEs design, build, test, install and calibrate CV devices.

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