Responsible AI Training: Automotive ADAS and AV

Date:	**On Request**
Duration:	**2 x 0.5 Days**
Location:	**Private Virtual or In-Person**
Price:	**On Request**

Why SRES?

At SRES, our training courses are guided by industry professionals with extensive real-world experience, providing you with practical insights and knowledge to excel in the rapidly evolving fields of Functional Safety, Cybersecurity, and Responsible AI.

Course Overview:

This two half-day course is designed for all automotive professionals that share the SecuRESafe passion and purpose to ensure that products are responsible by design. Responsible Artificial Intelligence (RAI) is the core of our future development in automotive as we progressively move safety and security aspects away from the driver. This course is designed not only for AI/ML developers, but more importantly, the AI architects and big thinkers. We want to train those that share our purpose.

Training Objectives:

This course will provide an introduction of Artificial Intelligence (AI) in automotive applications, in particular to ADAS and autonomous vehicles (AV). These systems rely heavily on ML models and related algorithms in on-board embedded software and off-board compute infrastructure for making safety-critical predictions and decisions, optimizing performance, fuel economy and occupant comfort. They expose the general public to several unknown risks. While it is important to understand and comply with the emerging and updated standards and regulations for safety and cybersecurity, a more foundational discussion is essential within each organization on what it means to responsibly develop and deploy AI within their context.

We will discuss the important characteristics and principles of RAI such as accountability, fairness, ethics and bias. We cover what absolutely must be known about AI and all of the risks associated with AI. We discuss the relevant regulatory framework, enforcement of AI policies and accountability. We dive into the changing trends from Big Data to Quality Data. What is the societal impact and what does this mean for transparency and explainability? We need to understand these aspects before we can develop responsible safe and secure products. The training enables organizations to establish AI principles and robust processes in the automotive industry. The training discusses how to develop an AI management system according to the ISO/IEC 42001:2023 standard.

To register, please contact: www.sres.ai trainings@sres.ai +1.248.885.3380