



DEVELOPMENT ENGINEER FOR FUNCTIONAL SAFETY

RESPONSIBILITIES:

- Support the development of safe critical electronic control functions (e-powertrain, chassis, power electronics, HV-Battery, ADAS,...) under the aspect of functional safety according to ISO26262.
- After the initial training, you will independently carry out the coordination of customer requirements as well as the realization and support the concepts implementation and support them up to the start of production.
- Following a model-based development approach, you will support the optimization and review of existing functional models, considering also test and validation strategy.
- Support planning, coordination, and supervision of the tasks of all activities identified in the functional safety process.
- Documentation of functional safety related work products.
- Handling risk assessments, concept creation and safety analyses (e.g. HARA, FMEA, FTA...) according to the standard specifications.
- Representation of functional safety within AVL and towards the customer.
- Supporting the further development of new technologies

PROFILE:

- Degree in mechanical engineering, electrical engineering, mechatronics, vehicle technology, physics, computer science or similar.
- Enthusiasm for mobility development and technical innovation as well as interest in functional safety or automotive cybersecurity and automated driving technologies.
- Basic Experience in field of control engineering and model-based development (Matlab/Simulink, SySML or similar)
- Familiar with development processes in the automotive sector as well as Functional Safety standards (ISO 26262, IEC 61508 or similar)
- Flexible, proactive, structured, and detail-oriented working style
- Strong communication and team-working skills
- Proficient English and Spanish language knowledge. German is a big plus.

Department: Powertrain Engineering

Location: Donostia-San Sebastian

Human resources contact: euskadi@avl.com