



DEVELOPMENT ENGINEER FOR FUNCTIONAL SAFETY / CYBERSECURITY

We are seeking skilled Functional Safety or Cybersecurity engineers to join our dynamic team located in San Sebastián office.

Joining the AVL SW Team, you will be able to expand your career with international experience and to work in state-of-the-art applications for automotive industry.

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, or with an emphasis on cybersecurity in alignment with ISO21434
- 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 and cybersecurity 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) or Cybersecurity standards (ISO 21434).
- 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

If you are interested, please send an e-mail to: euskadi@avl.com