

Systems and Calibration Engineer - ADAS/AD

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Company: AVL Research & Engineering

Location: İstanbul

Category: other-general

YOUR RESPONSIBILITIES:

For safe and fascinating driving experience, develop and define functional/non-functional requirements of ADAS/AD features with performance KPIs

Reflect your system and domain knowledge to design ADAS/AD features according to standards and legislations

Develop simulation platforms and methodologies for virtual calibration and validation of ADAS/AD systems

Travel the world for environmental tests in different and exciting locations (USA, Italy, Finland, Spain).

Work with AVL Global experts to keep up with latest technologies and industry trends.

YOUR PROFILE:

BSc/MSc/PhD or equivalent engineering degree in electric/electronic, controls, mechatronics, automotive, mechanical engineering or related technical field is preferred

Minimum 2 years of professional experience in R&D and product development projects

Strong understanding of ADAS/AD system architectures, vehicle control and systems development lifecycle

Experience in one or more of the following areas: Requirement Engineering, Controller /

Algorithm Design and Implementation, Optimization Methodologies, Modeling, Data acquisition and Post-processing with Matlab/Simulink

Experience in ADAS/AD regulations/standards and vehicle integration & validation

Good understanding in one or more of the following areas: Vehicle Dynamic, E/E architecture, AV sensors & actuators and Vehicle Safety

Having programming experience in any language (Python, C#, etc) is a plus

ABOUT AVL RESEARCH AND ENGINEERING TURKEY

Established in 2008, AVL Research and Engineering is an engineering center of AVL with two R&D centers in Istanbul-Türkiye that develops mobility solutions with intelligent and advanced technologies, runs national and international R&D projects and serves customers from the Turkish and the global automotive industry.

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