



AVL is the world's largest independent company for the development, simulation and testing of powertrain systems (hybrid, combustion engine, transmission, electric drive, batteries, fuel cell and control technology) for passenger cars, commercial vehicles, construction, large engines and their integration into the vehicle.

Senior Autonomous Driving Controls Algorithm Development Engineer

YOUR RESPONSIBILITIES

- Development of motion planning and control algorithms for vehicle control for ADAS/AD features (e.g. highway pilot or valet parking related)
- Modelling vehicle dynamics for vehicle monitoring and prediction
- Develop controls solutions from concept until production ready maturity level
- Simulation and vehicle verification of developed software
- Participation in international development & research projects worldwide
- Technical planning, architecture concept definition and support of other team members

YOUR PROFILE

- Degree in computer science, electrical engineering, mechatronics, mechanical engineering, vehicle engineering or similar
- At least 4 years of relevant experience
- Sound knowledge of C++ and/or Python and/or MATLAB/Simulink
- Technical publication, patent, and open source project experience is an advantage
- Fluency in written and spoken English
- Good communication/presentation skills, strong team player

OUR OFFER

- Health-oriented working environment in Budapest SciencePark (Electronically height-adjustable desks, 3-screen workstations, Private medical care, Free fruits, Sport&game nights, etc.)
- Work in a young group with supportive, friendly atmosphere with dedicated induction-training period, mentor program and further technical, language & soft-skill trainings
- Flexible working time
- International working environment and experience (Germany and Austria)

We look forward to receiving your details; please use our online application form: www.avl.com/jobs





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Autonomous Driving Perception Algorithm Development Engineer

YOUR RESPONSIBILITIES

- Development of sensor perception, sensor fusion or localization algorithms for ADAS/AD features (e.g. highway pilot or valet parking related)
- Practical usage of mathematical, physical and logical knowledge
- Develop software from concept until production ready maturity level
- Simulation and vehicle verification of developed software
- Participation in international development & research projects worldwide

YOUR PROFILE

- Degree in computer science, electrical engineering, mechatronics, mechanical engineering, vehicle engineering or similar
- Sound knowledge of C++
- Experience in AI development, machine learning, neural networks
- Technical publication, and open source project experience is an advantage
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