Software Developer for Active Chassis and Powertrain systems (f/m/d)

Location: Prague

Are you now looking for a challenge that suits your abilities? Do you want to take on demanding responsibilities from the word go? Then you are in the right place with Porsche Engineering.

As a Software Developer for Active Chassis and Powertrain systems you will be designing, implementing and testing control algorithms in the area of active chassis and EV powetrain systems. Example applications range from electric all-wheel-drive, air spring, active dampers, to various vehicle state observers or trajectory following controllers. The software to be implemented vary from the early stage concepts, that are implemented as prototypes, to full series production software where the software quality and safety standards play an important role. Finally you also support the calibration process of algorithms you have designed / developed in the prototype vehicles.

What will be your tasks?

You will be implementing algorithms in the MATLAB/SIMULINK environment and writing specifications for development of software components. You will be designing control algorithms in the field of active chassis systems and electric vehicle powetrains systems. You will be testing and documenting software components, designing concepts and presenting the results. You will be working in team and cooperating with other project teams and suppliers.

What experience and expertise are the best fit for the position?

- Bachelor's or Master's degree with technical focus in Information Technologies, Automotive Engineering, Control Engineering or in relevant educational background preferred
- Good knowledge of the MATLAB/SIMULINK/STATEFLOW environment and other MATLAB toolboxes
- Good spoken and written English and/or German
- Enthusiasm about modern technologies and cars
- Ability to work service- and team-oriented, self-confidence with the ability to always have an eye for the essential
- Willingness to travel

Nice to have:

- Knowledge of other programming languages such as python and C++ is an advantage
- Knowledge of development standards according to (A)SPICE, ISO26262, MISRA is an advantage
- Knowledge of automotive development tools from dSPACE / Vector / ETAS is an advantage

In case of your interest, please, send your EN CV to the email address: jobs@porsche-engineering.cz

For more information visit the whole job advert or our career website.

We are looking forward to your applications!