



Analysis Engineer (m/f/x) for Platform-Software in the Area of Driver Assistance Systems and Autonomous Driving



LOCATION
Madrid



COMPANY
ARRK Engineering GmbH



CONTRACT TYPE
Full-time



Form of Work
Hybride

WHAT TO EXPECT

The team for the analysis of Platform Software examines errors, which occur during the execution of system- and component tests for ADAS applications. With your work, you acquire a deep understanding of communication between ECUs in the car. Using this in depth knowledge and by performing analysis on code-level, you can recognize complex error patterns, propose bug fixes and, through the close cooperation with our project partners, get a detailed insight into the development of modern automotive software, as well as the workflow of software-engineers at our customers. We offer a hybrid work model with flexible office or home-office days.

Please send us your application documents in English.

YOUR TASKS

- Analysis of abnormalities in the communication between driver-assistance ECUs, mainly over Ethernet (TCP/DTL/XCP), FlexRay and CAN
- Examination of errors which lead to crashes of single software-modules or of the whole ECU, for example by analyzing Coredumps
- Analysis of errors in relation to vehicle-diagnosis (Flash, UDS, DTCs)
- Solid familiarization with the C++ Code to be able to perform detailed code-analysis
- Technical knowledge transfer as well as working on solutions together with project partners
- Validation of bug fixes for previously analysed errors
- Performing Debug-Sessions with stakeholders

YOUR PROFILE

- Proactive and structured way of working
- Interest for BUS-communication and decoding of complex data transmissions
- Enjoyment of professional exchange about technical systems
- Distinct communication-skills and ability to work in a team
- Enthusiasm for complex problem solving
- Fascination for driver assistance systems and autonomous driving
- Successfully completed studies in the field of computer science, engineering or comparable experience
- B2 level in English or higher

YOUR BENEFITS



Exciting projects



Flexible working hours



Attractive salary



Creative scope



Pleasant working atmosphere

APPLY NOW



CONTACT

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ARRK Engineering is part of the international ARRK group of companies and specialized in product development. Within the ARRK group of companies we implement product developments from virtual development to prototypes and small series production.

For reasons of simplification, only the masculine form is used in this job advertisement. However, persons of any gender and any orientation are always meant equally.

Our job offer is equally directed at severely disabled persons and persons of equal status.