

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



**LOCATION**  
Petaling Jaya



**COMPANY**  
ARRK Malaysia Sdn Bhd



**CONTRACT TYPE**  
Full-time



**Form of Work**  
Office

### WHAT TO EXPECT

We collaborate with the world's leading manufacturers of premium vehicles and explore innovations in autonomous driving for the future of mobility. Our team is working on exciting projects to make the driving experience safer, more comfortable, and more sustainable. It is a fast developing and challenging field, you will work together with highly motivated colleagues around the world. We provide support with your professional education through individually adapted training opportunities. You will also have the opportunity to contribute your own ideas and help with improvements to further advance the cutting-edge solutions we offer our customers.

### YOUR TASKS

- Conducting data analysis of the latest bus protocols in the field of autonomous driving to improve the performance and safety of driver assistance systems at the platform software level
- Application of analysis tools (Wireshark, DLT-Viewer) and methods to evaluate data (Ethernet, Diagnostic Log and Trace) from sensors, cameras and processing control units in the field of development
- Creation of structured and detailed error analyses down to the code level (C++) to describe the connection from a highly customer-perceptible error to the root cause in the software
- Leading debug sessions with colleagues and developers to achieve quick and effective solutions
- Technical knowledge transfer and development of solutions together with smaller specialized teams in a bigger cross-topic group to resolve the complex associated errors.

### YOUR PROFILE

- Successfully completed BS/BA degree or higher in automotive network communication, automotive engineering, electrical engineering, mechatronics or a comparable qualification
- Very good written and spoken English skills
- Strong affinity for analyzing, managing, solving problems and clearly understandable description of them
- High level of initiative, solution orientation and proactivity
- Basic or advanced programming skills in C++ and experience with GitHub are an advantage
- Ideally experience with communication protocols in automobiles (e.g., Ethernet, CAN)
- First Knowledge about functionality of driver assistance systems and AUTOSAR architecture
- Strong team spirit and contribution of creative ideas

### YOUR BENEFITS



Exciting projects



Flexible working hours



Employee events



Creative scope



Pleasant working atmosphere



Hybrid work

APPLY NOW



## CONTACT

Iliana Morales Reyes

[career@arrk-engineering.com](mailto:career@arrk-engineering.com)

+ 49 (0)89 / 31857-0

[Privacy Policy](#)

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.