Field Test & Data Engineer

Munich, Germany

Embotech is an award-winning software scale-up developing cutting-edge autonomous driving technology and solutions for autonomous vehicles, with a focus on private ground applications such as trucks at port terminals and passenger cars in factories. We are delivering safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2012.

We are looking for a Field Test & Data Engineer based in Munich to support the operation and continuous improvement of our Automated Vehicle Marshalling (AVM) solution — safety-certified and in production since 2024 and moving more than 2,500 vehicles autonomously every day. You will join the AVM System team, the interface between software development teams and application engineers. We own the solution end to end, and in this hands-on role, you will analyze logs and data from the field and extend our automated data evaluation, provide expert support for the system in production, test new features, prototypes, and releases on real vehicles, and take ownership of our hardware components and test sites in Germany. In this position you'll occasionally travel to our test sites and customers, which are currently based in Germany, UK, and USA.

We offer an exciting role in a fast-growing company with attractive conditions and flexible hours. Embotech develops innovative products in a modern and dynamic environment, and you can expect an international atmosphere, with highly skilled colleagues with a passion for excellence and efficiency. We are looking for highly motivated people to help us solve one of the most complex challenges of today and take our company to the next level.

Responsibilities:

- Log analysis and expert support for our AVM system running in production, as technical counterpart to application engineers and customers
- Planning and execution of feature, prototype, and release tests on real vehicles, primarily at customer sites
- Data analysis and extension of our automated data evaluation to assess system performance and new concepts
- Ownership of the AVM hardware components, including setup, maintenance, and troubleshooting
- Site owner of our test sites in Germany, coordinating test activities and site operations
- Close collaboration with the AVM System and software development teams to feed findings from the field back into product improvements

Requirements:

- BSc or MSc in computer science, robotics, mechatronics, mechanical or electrical engineering, or a related field
- 1+ years of practical experience in testing, integration, or troubleshooting of robotic or automotive systems
- Hands-on experience with Linux and Python; C++ is a plus
- Experience with LiDAR sensors, point cloud analysis, or vehicle hardware is a plus
- Self-driven, structured team player with strong analytical and communication skills, a confident and professional manner with customers, and a hands-on mentality
- Fluency in English and German (at least C1), a valid driving licence (category B), and willingness to travel occasionally

Our preferred starting time for this position is **ASAP**.

We look forward to receiving your application documents (CV, diplomas, and reference letters) by email:

careers@embotech.com

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