

# APPLICATION ENGINEER (AUTOMATED DRIVING)

## Zurich or Munich

Embotech is a software company developing cutting edge autonomous driving technology for autonomous vehicles, with focus on private ground applications such as logistics, Autonomous Valet Parking (AVP) and mining. We are determined to accelerate the transition towards safe autonomous transportation by leveraging the core real-time optimization technology that we have been developing since 2012.

Our team is comprised of highly skilled employees with a passion for excellence and efficiency. We are looking for motivated engineers to help us solve one of the most complex challenges of tomorrow and take our company to the next level.

As an Automated Driving Application Engineer you will join a team of technical talents to support the development, integration, and deployment of our autonomous driving software product PRODRIVER. You will be the interface between our customers (leading automotive OEMs, Tier 1s and logistics companies) and our internal development team. You will discuss issues and requirements with the customers, support their use cases and feedback your learnings to our development team, to continuously improve the product.

### Responsibilities

- Understand how our software and related tools work, and become an expert user and integrator (first 3 months)
- Deploy our PRODRIVER software at customers, by integrating, commissioning, pilot testing and subsequently supporting serial deployment
- Support customers with your expertise including troubleshooting, logs review, tuning and fixes/solutions finding
- Provide feedback from the customer to the product management team as a means to improve our products
- Once established into the role, manage customer projects and report back to the team
- Actively contribute to writing software for automated testing tools, error reporting, checks and, if necessary, support the development team for features development
- Support the Head of Automated Driving with customer communication and management.
- Travel to customers as required, up to 30%.

### Requirements

- Master's degree in electrical/electronic engineering, computer science, mechatronics or similar degree
- At least one year of technical experience in industry with customer contact
- Proficiency in C/C++
- Knowledge of Matlab/Simulink
- Knowledge of ground vehicle dynamics, modelling and control engineering
- Demonstrated experience with embedded control applications and system engineering
- Exposure to automotive chassis control and communication, in particular to: automotive safety, ADAS systems, automotive-grade ECUs, networking and communication (CAN, Ethernet, LTE)
- Exposure to the automated driving sector, in particular to: drive-by-wire systems, motion control, motion planning, trajectory tracking, sensing technology and mapping.
- Organized, systematic, accurate, team player and an excellent communicator
- Fluent in German and in English
- Holder of a full driver's license.

Contact:  
embotech AG  
Giessereistrasse 18  
CH-8005, Zürich, Switzerland  
+41 44 552 26 22  
[careers@embotech.com](mailto:careers@embotech.com)