

Application/Rollout Engineer Intern for Autonomous Terminal Tractors

Rotterdam

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for vehicles, with 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 2013. We recently reached the milestone of autonomously driving 70.000 vehicles and with it took a huge leap on any other competitors.

We are looking for an application/rollout engineer who is passionate about deploying complex systems and customer satisfaction. You will join the Operations team and play an important role in commissioning and deploying our autonomous terminal tractors at a clients terminal in the port of Rotterdam. The project is an industry first and about deploying the largest CE-certified fleet of autonomous terminal tractors in one of the most automated terminals in the world.

Your role will involve setting up, commissioning, optimizing, and monitoring our autonomous system in the port environment. You will have full system overview and should be able to simulate the most complex and challenging scenarios. In addition you will help steer the development team to practical solutions as this is needed for guaranteeing high availability and successful operations. You will be part of a team which is in direct contact with and communicating to the customer, representing Embotech.

We offer an exciting job with strong personal development/growth opportunities 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 that help us solve one of the most complex challenges in port automation of today and with it contribute to growing our company to the next level.

Responsibilities:

- Roll out the most sophisticated autonomous driving solution in the port of Rotterdam on site.
- Participate in building up, commissioning and rollout of our fleet of autonomous terminal tractors on site
- Debugging and on-site problem solving.
- Reporting test results and issues efficiently and consequently to development and business teams.
- Communication towards customer, problem resolution and regular reporting
- Contributing to system definition, configuration and verification through simulation and real-world testing.
- Cooperation with product management, software engineers and controls engineers to deliver a well-integrated full autonomous driving stack.
- Traveling to customers or own testing areas as required

Requirements:

- Bachelor or master's degree in computer science, engineering, or robotics, or similar
- Experience with real-world deployments, debugging complex systems, working with digital twins
- Comfortable with customer communication
- Willingness to work off-nominal hours (fairly compensated)
- Fluency in spoken and written English
- Familiarity with various programming languages (e.g. Python, C++, Rust)
- Self-driven team player with hands-on mentality
- Knowledge of system modelling and analysis techniques
- Ability to adapt to changing priorities and requirements
- Strong problem-solving and analytical skills
- B driver's license for test vehicles training will be provided by Embotech

Starting date: ASAP

The duration of the position is limited to 6 months.

We look forward to receiving your application documents (CV, cover letters & reference letters) by email: careers@embotech.com

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