

Autonomous driving V&V Lead

Zurich

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with focus on private ground logistics applications such as trucks at port terminals and finished vehicle logistics in car 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 verification and validation lead who is **passionate about trying to break robotic systems**.

You will join the Autonomous Terminal Tractor (ATT) Systems team to play a key role in deploying a rapidly growing fleet of autonomous trucks for private grounds, using Embotech's autonomous driving software and hardware components from external suppliers. Your role will be to develop and implement testing procedures for our autonomous trucks as a system, including hardware components, for safety certification and quality purposes.

We offer an exciting job 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

- Lead the development of system level and sensor testing procedures
- Manage execution of tests with operators and engineering team
- Documentation of test results and looping back problems to technical teams
- Define testing and documentation processes
- Support in software-hardware integration and design of HIL setup
- Log data analysis and on-site problem solving.
- Cooperation with software engineers and system engineers to deliver a well-integrated full autonomous driving stack
- Travel to customers or own testing areas as required

Requirements

- MSc in robotics, mechatronics, mechanical or electrical engineering or similar
- Deep knowledge of testing according to ISO 26262, ISO13849 or IEC61508
- 5 years of relevant professional experience
- Experience with any of the following is a plus:
 - Software development
 - Robotics algorithms and communication protocols
 - Mechanical and electrical design
 - Networking and Linux development
 - IT Security of industrial systems
- Self-driven team player with hands-on mentality
- Interest in systems
- Fluency in spoken and written English

Preferred starting date for this position: ASAP

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

careers@embotech.com

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