

V&V Lead / Delivery manager

Zurich, Switzerland

Embotech is a company developing cutting edge motion planning technology for autonomous vehicles, with focus on private ground applications such as Autonomous Vehicle Marshaling (AVM) and Autonomous Truck Systems (ATS). Our mission is to accelerate the transition towards safe autonomous transportation by leveraging the real-time optimization technology we have been perfecting since 2012.

We are seeking a V&V Lead / Delivery manager for our System Team to guide the development of tests and verification process and coordinate the system releases. This is a high-impact role based at our headquarters in Zurich. As V&V Lead / Delivery manager, you will take ownership of the full system verification & validation and lead the engineering team to deliver high-quality, safety-critical systems. Your role will involve verification of the system for safety and security and to ensure that the system and software meet the high demands on performance and reliability. You will be responsible for the system release coordination and ensuring proper testing, verification, and documentation at system level.

We offer an exciting position in a fast-growing company at the forefront of autonomous vehicle technology with attractive conditions and flexible hours. This is a chance to make direct impact on the safety and reliability of next-generation autonomous systems. Embotech has a modern, international, and dynamic work environment with highly skilled colleagues who share a passion for innovation and excellence. We are looking for highly motivated people to help us solve one of the most complex challenges of tomorrow and take our company to the next level.

Responsibilities:

- Lead the development of system level tests as well as the planning and execution of system-level releases for autonomous driving, ensuring successful deployment across multiple sites while accommodating a range of diverse use cases and feature requirements.
- Manage and contribute to the full system release lifecycle, including managing change requests, version control, coordinating integration, tracking validation, delivering documentation, and overseeing deployment activities.
- Manage system verification, from test cases definition to test execution and reporting.
- Driving the V-Model development lifecycle, ensuring compliance with security / safety requirements and standards.
- Ensuring rigorous documentation throughout the lifecycle, including requirements, design, test instructions, changelogs and release notes.
- Maintain a transparent and structured release calendar; clearly communicate progress, risks, and decisions to stakeholders.
- Facilitate Go/No-Go meetings, release readiness reviews, and retrospectives.
- Ensure traceability and documentation of all changes, configurations, validation results, and approvals.
- 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

Requirements:

- Master's degree in Computer Science, Software Engineering, Systems Engineering, Mechanical Engineering, Robotics, Medical Engineering, Aerospace Engineering, or another relevant technical field.
- Interest in systems & system engineering, software development lifecycle knowledge.
- 5+ years of experience in system release, verification & validation, or software delivery within complex engineering environments.
- Deep knowledge of testing according to ISO 26262, ISO13849 or IEC61508.
- Solid understanding of Agile development and system integration workflows.
- Self-driven team player with hands-on mentality.
- Excellent and proven organizational, communication, and stakeholder coordination skills.
- Fluency in spoken and written English.
- JIRA, GitHub, Codebeamer (or other ALM) knowledge.

Nice-to-have qualifications:

- IT Security of industrial systems
- Robotics algorithms and communication protocols
- Mechanical and electrical design
- Networking and Linux development
- Knowledge of real-time and distributed systems.
- German language skills.

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

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

careers@embotech.com

Contact:
embotech AG
Giessereistrasse 18
8005 Zürich, Switzerland
careers@embotech.com