

Senior Functional Safety Engineer

Zürich or Munich

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with focus on private ground applications such as logistics yards, Autonomous Valet Parking (AVP) and mining. We are accelerating the transition towards safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2012.

Our technology and target applications lie beyond the boundaries of published standards and existing practices. We are looking for a highly motivated, creative, and passionate Engineer to envision, create and roll out groundbreaking safety solutions beyond established norms.

We offer an exciting job in a company in a key growth phase 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 safety, 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

- Planning, coordination and monitoring of activities in the area of functional safety throughout the entire project/product life cycle.
- Contact person for customers about Functional Safety
- Support our employees in Functional Safety activities
- Support and perform dedicated safety analyses (e.g. HARA, Risk Analysis, DFMEA)
- With regard to Functional Safety, collaborate on product and supplier approvals.

Requirements

- MSc or PhD in robotics or electrical engineering, Computer Science, or similar field.
- Technical background in software/system development and at least 5 years of professional experience acquired in the automotive or vehicle industry or comparable environment
- Proven knowledge of your competence in safety-related standards, such as: ISO 13849, ISO 26262, ISO 21448, IEC 61508 and the European machinery directive for CE marking.
- Comprehensive project management skills
- Self-driven, team player with problem-solving and communication skills. Strong sense of ownership with high standards.
- Fluency in spoken and written English. German would be an advantage.

Preferred starting date for this position: ASAP

We look forward to receiving your complete application documents (resume, cover letter and reference letters) by email: careers@embotech.com