

# Senior autonomous driving systems engineer Zürich

Embotech is an award-winning systems scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with focus on private ground applications such as logistics yards, passenger car factories and mining. We are accelerating the transition towards safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2013.

We are looking for an experienced systems engineer who is passionate about advanced technology.

You will join the Safety & Systems Engineering (SSE) team to play an important role in developing full-stack autonomous driving systems for private grounds, using elements from Embotech's core autonomous driving tech and elements from external suppliers. Your role will involve supporting the definition, design, and safety cases for safety certified full-stack autonomous driving systems. You will be part of a high-level engineering team working at state of the art technology

## Responsibilities

- Work with systems engineers, software engineers and controls engineers in the design of a safe autonomous driving systems for automated yard logistics (trucks)
- Requirements generation and management
- Risk analysis
- Functional safety goals and requirements
- Systems engineering processes definition
- SOTIF analysis
- System documentation
- Safety audits
- Support in creation of v&v plan
- Work with customers on project specific safety cases

## Requirements

- MSc in mechanical or electrical engineering, CS, robotics or similar field.
- At least 5 years of experience as systems engineer or systems architect.
- Evidence of successful customer deliveries of safety-critical systems.
- Deep knowledge of safety standards (ISO 26262, UL4600 or IEC 61508, ISO13849)
- Experience with the following is a plus:
  - Codebeamer or similar.
  - Software engineering (C, C++).
  - Autonomous driving algorithms.
- Passionate, self-driven, team player.
- Fluency in spoken and written English

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.

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](mailto:careers@embotech.com)