

Senior Software Engineer

Zurich or Munich

Embotech is a software company developing cutting edge autonomous driving technology for autonomous vehicles, with focus on private ground applications such as logistics, Autonomous Valet Parking (AVP) and mining. We are determined to accelerate the transition towards safe autonomous transportation by leveraging the core real-time optimization technology that we have been developing since 2012.

We are looking for a senior software engineer.

As a new member of our software development team, you will join a group of top technical talent (most based in Zurich, some and growing in Munich) to develop safe, efficient and reliable software for diverse motion planning scenarios. The software development team is responsible for developing and maintaining all the functionality necessary to successfully deploy and run our motion planning algorithms on various systems. Your role will involve creating novel designs to integrate our core motion planning algorithms into distributed real-time systems, establishing state-of-the-art development practices, and ensuring our software meets high demands on functional safety, performance and reliability.

Responsibilities

- Design software architectures for distributed real-time systems
- Develop software in C and C++ for automated driving projects
- Perform reviews of requirements, test specifications and code
- Take the role of a mentor for junior engineers
- Coordinate development efforts with other members of the team

Requirements

- Master's or Bachelor's degree in computer science, electrical engineering or similar field
- 5+ years of experience in C and modern C++
- Experience in distributed real-time systems
- Experience in software design and requirements management
- Analytical abilities
- Fast familiarization with new tasks, problems and environments
- Good communication skills in English

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 tomorrow and take our company to the next level.

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