

# Software Engineer C/C++

## 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 passionate software engineer C/C++.

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 integrating our core motion planning algorithms into distributed real-time systems, maintaining and extending external interfaces, and ensuring the software meets high demands on functional safety, performance and reliability.

### Responsibilities

- Develop software in C and C++ for automated driving projects
- Integrate our motion planning algorithms into complex distributed real-time systems
- Assist customers in debugging complex problems arising in the field
- Write automated tests to improve the behavior of your software
- Document your code and designs
- Coordinate development efforts with other members of the team

### Requirements

- Master's or Bachelor's degree in computer science, electrical engineering or similar field
- Experience in C and C++
- Experience in other languages is a plus (Python, Rust, ...)
- Experience in real-time systems is a plus
- 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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