

# SOFTWARE DEVELOPER

## AUTONOMOUS DRIVING

Embotech is a software company developing cutting edge motion planning technology for autonomous vehicles. 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.

Our team is comprised of highly skilled employees 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.

For the development of our software products in our Zurich headquarters, we are looking for a passionate software developer C/C++.

As a new member of our software development team, you will join a small group of top technical talent to develop safe, efficient and reliable motion planning software products. You will be involved in the development of software that meet ambitious specifications in terms of performance and reliability. You will be working on one or more internal and customer projects.

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 young and motivated colleagues.

### Responsibilities

- Develop portable software in C and C++
- Create, extend and maintain external interfaces
- Write automated testing tools to improve the behaviour of your software
- Document your code and designs
- Interface to driving simulators
- Coordinate development efforts with other members of the team

### Requirements

- Bachelor's degree in electrical or computer engineering or similar degree
- Experience in object-oriented analysis and design
- Experience in C and C++
- Experience with communication protocols
- Experience in other languages is a plus (Python, Go, Java, Rust...)
- Experience with Linux and the GNU toolchain is a plus
- Experience with real-time systems is a plus
- Analytical abilities
- Fast familiarization with new tasks, problems and environments
- Good communication skills in English