

SOFTWARE DEVELOPMENT INTERN

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 an intern to support the development of PRODRIVER in our headquarters in Zurich.

You will join a team of top technical talent to develop software for automated driving projects. Your role will involve integrating our core motion planning algorithms into complex distributed systems, maintaining and extending external interfaces, and ensuring the software meets high demands on performance and reliability.

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.

Responsibilities

- Develop software in C and C++
- Provide technical support to customers
- 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

- Studies in computer science, electrical engineering or similar degree
- Experience in C and C++
- Experience in other languages is a plus (Python, Rust, ...)
- Experience with real-time systems or parallel embedded computing 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.

The duration of the position is limited to **6 months**.
Our preferred starting time for this position is **January 2023**.