

Software Intern – Tools development

Zürich

Embotech is an award-winning software scale-up developing cutting edge autonomous driving technology and solutions for autonomous vehicles, with a focus on private ground applications such as trucks at port terminals and passenger cars in factories. We are delivering safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2013.

As a passionate Software Development intern, you will join a team of top technical talent and contribute towards the development of software tools for simulation and visualization for Embotech automated driving solutions (yard logistics and car manufacturing). Knowledge of Rust is not a pre-requisite for this position, but you need to be eager to learn Rust.

We offer an exciting internship 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 the most complex challenges of today and take our company to the next level.

Responsibilities

- Implementation of software tools in Rust for automated driving projects
- Develop, document, test and maintain the companion software tools such as visualization, logging and simulation tools necessary to successfully deploy, test and support our autonomous driving stacks
- Design the best technical solution based on the requirements of internal and external stakeholders
- Perform reviews of requirements, documentation, test specifications and source code
- Follow state-of-the-art development practices
- Ensure the software tools meet high demands towards performance and reliability
- Support & improve continuous integration pipelines
- Write automated tests
- Assist internal and external customers in debugging complex problems arising in the field

Requirements

- Studies in computer science, electrical engineering or similar degree
- Experience in development of software in C, modern C++, Rust or any other language
- Experience with real-time systems is a plus
- Analytical abilities
- Fast familiarization with new tasks, problems and environments
- Good communication skills in English

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

We look forward to receiving your application documents (resume, cover letter & reference letter) by email: careers@embotech.com