Software Intern – Tools development (Rust)

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.

As a passionate **Software Development intern**, you will join a team of top technical talent and contribute towards the development of software tools in Rust 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 job in a company in a key growth phase 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 safety, excellence and efficiency.

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,
- Assist internal and external customers in debugging complex problems arising in the field,
- Write automated tests,
- Support & improve continuous integration pipelines,
- 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.

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** (preferred starting time for this position is **September 2023**). We look forward to receiving your complete application documents (resume, grades, cover letter and reference letters) by email: careers@embotech.com

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