

Software Technical Lead-Safe Platform

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 Software Technical Lead, you will join a team of top technical talent and you will contribute towards the definition, architecture, integration, development and verification of our safe platform for Embotech automated driving solutions (yard logistics and car manufacturing).

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.

Responsibilities:

- Responsible of embotech safe platform & its integration with embotech software stack
- Definition of software requirements, architecture, design documentation, implementation and tests
- Technical Lead
- Establish software project planning, controlling and management in a matrix organization in close coordination with project and line manager
- Ensure the deadline, cost and quality goals and the fulfilment of the technical specifications
- Agile software development: management of the backlog for the assigned project
- Coordination of software development & tests during all project phases
- Coordination of external design and development partners
- Real-time embedded and non-embedded software conception, design, development, and verification
- Ensure highest quality standards during the entire product life cycle
- Coordinate development efforts with other members of the team

Requirements:

- Master's degree in Computer Science or Electrical Engineering FH / Uni / ETH or equivalent
- 5+ years of experience in development of software in C and/or C++ (we use both)
- Experience with automotive multicore MCUs (Infineon, STMicroelectronics, NVIDIA) using real time operating systems (such as VxWorks, QNX, PXROS or SafeRTOS)
- Experience with Linux and virtualization/container deployment
- Experience in building software in a regulated automotive development process (IEC 26262 / ASPICE) or other safety critical / regulated software development process is an advantage
- Experience about network (UDP, TCP/IP)/communication protocols (CAN) is an advantage
- Self-organized, solution-oriented, communicative team player with initiative
- Very good oral and written language skills in English

Preferred starting date for this position: ASAP

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