

Perception Team Lead

Zürich

Embotech is the European leader for autonomous driving solutions for logistics applications such as trucks at port terminals and finished vehicle logistics in car factories. We are delivering safe autonomous transportation by leveraging the real-time optimization technology that we have been developing since 2012.

We are looking for an experienced perception team lead who is passionate about leading a team making machines understand our driving environment.

You will lead the Perception team to play an important role in developing full-stack autonomous driving systems for private grounds, using elements from Embotech's core autonomous driving tech and elements from external suppliers. The team is responsible for designing, developing and testing perception and localization software and systems for safe autonomous vehicles for driving in the domain of automated logistics (i.e. automated trucks) and vehicle factories (automated passenger cars).

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. 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:

- Lead design of software architectures, conception, development, implementation, tests, documentation and reviews.
- Manage development and maintenance of MLops pipeline for perception (annotation, automatic KPI calculation, CI/CD)
- Manage a team of excellent perception and software engineers.
- Recruitment and resource planning and coordination of development efforts with other teams.
- Support product operations and development activities.
- Cooperate with systems engineers, software engineers and controls engineers to deliver a well-integrated full autonomous driving stack.
- Travel to customers or own testing areas as required.

Requirements:

- MSc or Phd in robotics, mechanical or electrical engineering, CS or similar field.
- At least 3 years of experience as team lead.
- Demonstrated experience with autonomous driving sensors (LiDAR, camera), and geometric and ML based perception.
- Experience with high availability deployed solutions.
- Proficiency in C/C++ and Python.
- Experience with one or more of the following is a plus:
 - ROS, OpenCV, PCL.
 - Nvidia HW/SW ecosystem
 - Autonomous vehicle safety standards.
- Passionate about autonomous driving, comfortable with leading role and a hands-on mentality.
- Fluency in spoken and written English.

Preferred starting date for this position: **ASAP**

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

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