

Software Engineer Intern (Embedded/Robotics)

[IDA:2025-00023]

Your tasks

As a team member of Research and Advanced Engineering team, you will be involved in the software development of innovative system solutions, for example the integration of innovative sensing technologies with specific focus on future solutions for both the Autonomous and Passenger vehicles.

Intern would be working together with the innovation team in the following tasks:

- Work with R&D team to develop software applications and necessary APIs.
- Develop software interfaces between modules and conduct integration tests.
- Design, implement, test and deploy prototype to ready solutions.
- Perform technical self-research to identify solutions and diagnostics for troubleshooting.
- Conduct site survey, collect data and perform test procedures.

Your profile

- Good knowledge in C/C++ with good programming skills and knowledge in Python.
- Experience or knowledge in embedded system.
- Experience in camera vision, perception algorithms and sensors (e.g. LiDAR, camera) technologies.
- Experience with robotics (ROS/ROS2) perception algorithms and sensors (LiDAR, camera) will be an advantage.
- Experience with Machine Learning for perception (training and inferencing) will be an advantage.
- Self-driven team player with hands-on mentality and willingness to learn.
- Good communication skills, fluent in English, both written and oral.

Our offer

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In



Job ID
REF79757R

Field of work
Engineering

Location
Singapore

Legal Entity
**Continental Automotive
Singapore Pte. Ltd.**

2021, Continental generated sales of €33.8 billion and currently employs more than 190,000 people in 58 countries and markets. On October 8, 2021, the company celebrated its 150th anniversary.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion and motion control systems. Innovative solutions for assisted and automated driving, display and operating technologies, as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services.