Software Engineer (Software Integrator) Intern [IDA:00070]

Your tasks

As a team member of Innovation team, you will be involved in the software development of innovative system solutions.

Intern would be working together with the R&D innovation team in the following tasks:
a) Work with R&D team to develop software applications and necessary APIs.
b) Work on some rapid prototype developments when required.
c) Involve in implement, test and deploy prototype to ready solutions.
d) Involve in identifying possible solutions and diagnostics for troubleshooting.
e) Conduct site survey, collect data and perform test procedures.
f) Integrate and/or implement solution as a demonstrator or solution deployed in our demo vehicle.

Job ID
REF82161F

Field of work
Engineering

Location
Singapore

Legal Entity
AUMOVIO Singapore Pte. Ltd.

Your profile

a) Strong coding skills and demonstrable programming aptitude in Python and C/C++
b) Experience in any sensors (e.g. Camera, Radar, RGBD, UWB) technologies.
c) Experience in middleware technologies such as DDS, MQTT, ROS 1 / ROS 2
d) Experience with Git, Docker, working in Linux & Windows
e) Knowledge of object detection, tracking and identification will be an advantage
f) Knowledge of deep learning tech and tools (Tensorflow, Pytorch) will be an advantage
g) Knowledge of professional software engineering including coding standards, code reviews, source control management, build processes, testing, and operations, will be an advantage

Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

About us

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software,

architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.