

Robotics Systems Intern [IDA:2025-00025]

Your tasks

What you'll be doing:

- Install software components on mobile robots.
- Test functionality of the whole robot system, both on real robots and in simulation.
- Develop tools for test automation and benchmarking.
- Assist in creating new software releases for different modules, like navigation, perception, etc.
- Integrate software releases and ensure stability of whole system release.
- Investigate issues with robot software and hardware.
- Document feature completeness of robot and align with customer requirements.
- Remotely coordinate tests with other locations and deployment sites overseas.

What you will be learning:

- System architecture of a complete robot that is ready for production.
- How different sensors like 2D/3D Lasers, RGB cameras, Depth cameras, IMUs etc. work.
- How different software components on a robot interact.
- ROS2, Docker
- DevOps and CI/CD for production-grade systems, using Jenkins, Github Actions, AWS

Your profile

- Some programming knowledge, preferably in Python, C/C++, Bash or Javascript/Typescript
- Some experience with Git version control
- Knowledge on Linux based operating systems (is of advantage)
- Some experience with software testing and automation (is of advantage)

Our offer

All your information will be kept confidential according to EEO guidelines.

Ready to take your career to the next level and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!



Job ID

REF2245W

Field of work

Engineering

Location

Singapore

Legal Entity

**Continental Automotive
Singapore Pte. Ltd.**