



Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

As a Technical Lead in Computer Vision for Localization, you lead the work to make our robots capable of localizing itself in challenging environments. You will contribute to our new and exciting project developing a novel mobile robotic system for automating tasks.

Join our newly established team within Hexagon's Innovation Hub and help drive the future of robot autonomy!

Technical Lead – Localization (f/m/d)

Zürich  80-100%

This appeals to you

- Leading the team responsible for the development of the localization solution for our mobile robots.
- Driving the requirement engineering, concept definition and architecture for SLAM, re-localization and multi-modal sensor fusion.
- Evaluating, testing and implementing state-of-the-art methods and adapting them to our needs.
- System integration and building product out of cutting-edge algorithms.
- Deliver reliable software through code reviews, continuous integration, and automated testing.
- Coding in modern C++ and occasionally Python.
- Working in a startup like environment within a global company, with flat hierarchies and high personal influence.

This is you

- Master or PhD in Robotics, Computer Science, Software Engineering, or similar.
- Passion for leading and mentoring engineers.
- Track record of at least 5 years in using or implementing localization algorithms.
- Strong theoretical understanding of SLAM, state estimation, and computer vision in general.
- Experience with ToF and RGB-D sensors is a plus.
- You are very experienced in modern C++ and comfortable with Python.
- You like to work independently and hands-on in rapid iterations with an entrepreneurial mindset.
- Proficiency in English (official language), German is advantageous.

About us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment.

Flexible working models allow you to ideally combine work and private interests.

Contact

If you have any questions, please do not hesitate to contact [David Rank](#), Talent Acquisition Specialist.

[APPLY NOW](#)

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