



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

As a Computer Vision Engineer for Robotics Perception, you'll have the opportunity to directly influence the development of our novel mobile robotic system. You'll contribute to making our robots capable of autonomous interaction within real-world environments, showcasing unmatched dexterity and precision. Working within Hexagon's Innovation Hub, on a newly established team, you'll play a pivotal role in driving the future of robotic autonomy.

Seize this chance to shape a cutting-edge project and push the boundaries of robot autonomy!

Computer Vision Engineer (f/m/d) for Robotics Perception

Zürich  80-100%

This appeals to you

- Evaluating, testing, implementing and deploying state-of-the-art computer vision algorithms and adapting them to our specific needs.
- Playing an active part in transforming cutting-edge research results into a successful product.
- Collaborating with an interdisciplinary team of engineers on system integration.
- Writing high-performance production-grade code in Python and C++.
- Working in a startup-like environment within a global company, benefiting from flat hierarchies and substantial personal influence.

This is you

- MS/PhD in Robotics, Computer Science, Software Engineering, or a related field.
- 2+ years of relevant experience in fields like 3D computer vision, object detection & tracking, mapping and sensor fusion.
- Experience interfacing with and performing real-time processing of data from RGB and RGBD cameras for robotic applications.
- Familiarity with point cloud processing from depth cameras for 3D mapping.
- Up to date on the latest developments in computer vision with a strong theoretical understanding of the algorithms used.
- Proficient in Python and C++, experience in using ROS, Linux, and Git.
- Experience with training, evaluating and deploying learning-based computer vision models.

- Ability to work independently and hands-on in rapid iterations and with an entrepreneurial mindset.
- Motivated to experiment, be creative, and push boundaries to solve problems.
- Proficient in English

We offer you

- Flexible annual working hours based on a 40-hour week, with 100% employment
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Hybrid Working model
- Generous bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Relocation service
- Various Discounts (Health, Car, Entertainment and much more)
- Employee Events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

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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HEXAGON