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Jacobi Robotics

Robotics Perception Engineer (Hamburg, Germany)

Hamburg, Germany · 1 month ago · Over 100 people clicked apply

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💼 $80K/yr - $100K/yr · On-site · Full-time

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About the job

Robotics Perception Engineer (Hamburg, Germany)

Location: Hamburg, Germany (on-site)

Join us at Jacobi, a well-funded Silicon Valley startup revolutionizing the field of robotics with our cutting-edge software building blocks for robotic arms. Founded by leading roboticists from prestigious institutions like UC Berkeley, CMU, and KIT, Jacobi aims to accelerate the adoption of robot automation and streamline the process of robot programming. Our state-of-the-art optimization and AI technologies empower software developers to program any robot arm efficiently and reliably, catering to diverse applications in manufacturing, logistics, construction, agriculture, and beyond. With Jacobi, our customers have experienced a remarkable 20x speedup in deployment time within production environments.

Role
As a Robotics Perception Engineer at Jacobi, you will develop the computer vision and perception modules that power robotic manipulation in unstructured environments. You'll work at the intersection of AI, robotics, and 3D vision, building systems that enable robots to see, understand, and interact with the physical world reliably and in real time.

The salary range for this role is €80,000-€100,000, along with equity and benefits, providing a competitive and comprehensive package.

Key Responsibilities
- Design and implement real-time perception algorithms for robotic manipulation tasks (e.g., object detection, pose estimation, segmentation, and more).
- Develop 3D vision pipelines using depth cameras and stereo vision.
- Integrate perception with motion planning to enable closed-loop manipulation.
- Work with simulation and physical hardware to test and validate perception algorithms under diverse conditions.

Key Qualifications
- Excellent debugging skills and attention to detail.
- Independent, able to overcome problems.
- Experience with Python development.
- Experience with Linux.
- Experience in developing deep-learning-based perception systems for robotic manipulation.

- Hands-on experience working with RGBD cameras (e.g., RealSense, ZED, PhotoNeo...)
- Strong computer networking skills.
- Excellent teamwork, verbal, and written communication skills.

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Robotics Engineer, Hamburg, Germany

Off ⚪

Employer-provided

Pay range in Hamburg, Germany

Exact compensation may vary based on skills, experience, and location.

Base salary
$80,000/yr - $100,000/yr

Qualifications

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About the company

Jacobi Robotics
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Accelerating the adoption of robot automation

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