

[Junior/Medior] Deep Learning / Computer Vision Research Engineer

[Vicarious Perception Technologies \(VicarVision\)](#) [Location: Amsterdam, The Netherlands]

[VicarVision](#) is an Amsterdam-based commercial R&D company developing state-of-the-art artificial intelligence and computer vision solutions centered around understanding humans. VicarVision is the developer of [FaceReader®](#) - the world's first and most capable tool for analyzing facial expressions, providing users with an objective assessment of a person's emotion.

Other active application areas of VicarVision include remote camera-based health monitoring, eye gaze tracking, emotion/stress recognition from voice and body pose analysis.

VicarVision is looking for a scientific-minded candidate for the role of Research Engineer specializing in Deep Learning and Computer Vision.

Responsibilities:

1. Work on developing and implementing deep learning computer vision algorithms for a variety of human-centric applications. Examples: face analysis, eye tracking, body pose analysis, etc.
2. Collaborate and brainstorm with team members to design (often out-of-the-box) practical solutions that can be deployed in the real world.
3. Conduct scientific research and experiments to evaluate and improve the performance and accuracy of AI solutions.
4. Stay up to date with the latest developments in computer vision and deep learning research.

Requirements:

1. Master's degree (or higher) in Artificial Intelligence, Computer Science, or a related field.
2. Good programming skills in Python and C# (or other related languages), and experience with deep learning frameworks (TensorFlow, Keras, PyTorch).
3. Knowledge of computer vision and machine/deep learning concepts, algorithms, and techniques (object detection, classification, neural network architectures, etc.).
4. Familiarity with classical image, video, and signal (incl. audio) processing techniques.
5. Scientific mindset towards research and experimentation. Past publication record is a plus.
6. Excellent problem-solving skills and ability to work in a team environment.
7. Strong communication skills with fluency in English.

We offer:

1. Competitive salary and benefits package.
2. Opportunity to work on cutting-edge computer vision technologies.
3. Collaborative, dynamic, and stimulating work environment.
4. Working in a canal-side office with a rooftop terrace for lunch and drinks.
5. Career development opportunities. [Possibility to pursue a (part-time) PhD in parallel.]

If you are passionate about human-centric computer vision and deep learning, and you are looking for a challenging role in a stimulating environment, we encourage you to apply. Please send your resume and cover letter to us at info@vicarvision.nl.