

COMPUTER VISION ENGINEER

Baltic Institute of Advanced Technology (BPTI) is expanding its team and looking for a Computer Vision Engineer to contribute to the development of advanced computer vision and deep learning solutions.

What you will do

- Develop, train, evaluate, and optimize computer vision models for object detection, classification, segmentation, and tracking.
- Work with image and video data from cameras and other sensors, including preprocessing, dataset preparation, and performance analysis.
- Contribute to applied research and the development of practical technology solutions.
- Collaborate with specialists in software engineering, signal processing, and related fields.
- Contribute to local and international R&D projects.

Requirements

- Legal right to live and work in the EU.
- A bachelor's or master's degree in a STEM field, or equivalent relevant practical experience.
- Experience working in Linux environments (remote servers, command-line tools, version control, standard development workflows).
- Good working knowledge of the Python computer vision and deep learning stack (NumPy, PyTorch, OpenCV, ONNX, TensorRT, or similar tools).
- Practical experience with modern computer vision architectures, including CNNs and Vision Transformers (ViTs).
- Willingness to learn and the ability to solve non-standard technical problems.

Nice to have

- Experience working with sonar, radar, multispectral, or other non-standard sensor data.
- Experience deploying machine learning models in real-time systems or on edge devices.

What we offer

- The opportunity to work on real-world R&D projects.
- Interesting and technically challenging tasks where you can directly apply machine learning and computer vision knowledge.
- The opportunity to grow alongside a strong multidisciplinary team of engineers and researchers.
- Flexible working arrangements, with the option to combine office and remote work.
- Competitive compensation based on skills and experience.

Area: R&D, Computer Vision, Deep Learning

Job location: Vilnius

Employment type: Full-time position (8 hours per day)

Salary starting from €2000 net per month, depending on experience and qualifications

If you are interested in computer vision, deep learning, and developing practical technology solutions, please send us your CV, along with a brief overview of your experience and relevant projects, to giedre.ramanauskiene@bpti.eu

About Us

Baltic Institute of Advanced Technology (BPTI) is a private, high-quality, research-oriented institute. Our mission is to create value by providing advanced R&D services for global security.

By collaborating with leading players in the European defence and security industry, we develop technologies and solutions for next-generation military platforms that significantly strengthen Europe's defence capabilities. Find more about us here: www.bpti.eu