

Sthenos

🏠 [Sthenos](#) / [Senior Computer Vision Engineer](#)

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Neo Psychiko, Attiki, Greece | Engineering

Sthenos AI is the AI developer of EFA Group, building intelligent, mission-ready solutions for defense and aerospace. With deep expertise in Command-and-Control (C2), cyber defense, computer vision, and autonomous systems, we design and deploy secure, field-proven AI that enhances operational efficiency and situational awareness. As part of a leading European defense ecosystem, we bring scalable innovation where it matters most – in the theater of operations.

Your Tasks

As a Senior Computer Vision Engineer (f/m/d), you will play a leading role in the design and implementation of cutting-edge computer vision systems that power intelligent defense applications. Working in a dynamic cross-functional team of data scientists, ML engineers, and Site Reliability Engineers, you will drive the technical direction of AI-based perception solutions from concept to deployment.

- You design, develop, and optimize advanced deep learning models for computer vision, leveraging the cloud-native Sthenos platform.
- You lead experimentation with state-of-the-art vision architectures such as YOLO, Faster R-CNN, DETR, or transformer-based models, and evaluate their applicability to real-world defense scenarios.
- You mentor and guide junior engineers and data scientists, providing technical direction, code reviews, and best practices for model development and deployment.
- You take ownership of end-to-end model lifecycles – from data exploration and training to large-scale evaluation, integration, and performance monitoring in production environments.
- You collaborate with other ML engineers to define data collection, curation, and annotation strategies, ensuring datasets are optimized for training and validation.
- You explore reinforcement learning and simulation-based training methods to enhance visual perception and decision-making systems.
- You stay up to date with the latest advancements in computer vision, deep learning, and distributed AI, and actively contribute to shaping the AI strategy of the organization.
- You represent Sthenos in external conferences and meetups, sharing your team's achievements and helping establish thought leadership in AI-driven defense systems.

Your Skills

- Undergraduate or graduate degree in Computer Science, Artificial Intelligence, Electrical Engineering, or a related quantitative field
- 3+ years of professional experience in computer vision, machine learning, or deep learning model development
- Expertise in PyTorch, with a strong track record of training and deploying production-grade vision models
- Hands-on experience with modern object detection and segmentation frameworks (e.g. YOLO, Faster R-CNN, DETR)
- Solid understanding of reinforcement learning principles and experience applying them to vision or autonomous systems is a strong plus
- Experience with distributed training and large-scale compute frameworks, preferably Ray, is a plus
- First experience with the methods of explainability and synthetic data generation for the sake of improving the performance of vision models.
- Proficiency in Python and its data and ML ecosystem (NumPy, Pandas, OpenCV, etc.)
- Demonstrated experience with AI productization – from experimental prototyping to operational deployment and performance optimization
- Ability to independently identify opportunities for innovation and translate them into actionable projects
- Proven track record of cross-functional collaboration and technical leadership within agile teams

Your Competencies

- Visionary and strategic thinker with a hands-on approach to execution
- Excellent analytical and problem-solving skills, capable of structuring and simplifying complex challenges
- Comfortable operating in ambiguous, fast-evolving environments, defining clarity and next steps when options are many
- Strong communication and mentoring skills, fostering collaboration across technical and non-technical stakeholders
- You understand the importance of the team and inspire, support, and elevate those around you
- Fluent in English

We offer:

- Competitive remuneration package
- Ticket vouchers and/or gas expense
- Private medical insurance package
- Continuous learning & development opportunities
- Participation in cultural and team-building activities
- Exposure to a growing environment with cutting-edge technologies

- Corporate wellness initiatives

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