Jonathan Lwowski

AI/ML Leader • Product, Platforms & Physical AI

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Website LinkedIn GitHub Google Scholar

Summary

I'm a technical and product AI leader who builds teams and puts complex AI into production. From PhD research in control systems and robotics engineering, I went on to build Zeitview's 13-person AI department and now serve as Field CTO for Physical AI & Robotics at Nebius. At Zeitview, I set product strategy and led AI and autonomy delivery with full-stack product partners, improving analysis quality by 29% and cutting operating costs by 27%. At Nebius, I work with a six-person team and customers on Physical AI Workbench and serverless simulation and training proofs of concept. I connect strategy, technical direction, coaching, and field delivery.

Experience

Nebius Jun 2026 to Present

Field CTO · Physical AI & Robotics

- Works with a six-person Physical AI team and robotics customers on product strategy and the infrastructure behind the Physical AI flywheel, spanning data, training, simulation, evaluation, and deployment.
- Contributed to Physical AI Workbench and serverless simulation and training proofs of concept, helping shape three solutions through 27+ customer interviews.
- Co-led a joint demo with NVIDIA and Black Forest Labs at GTC Berlin, featuring an open-source workflow that connects those stages.

Zeitview Sep 2021 to Jun 2026

Director of AI/ML

- Built a 13-person AI department for renewable energy and infrastructure inspection, hired AI and data-labeling leads, and set hiring priorities, product strategy, roadmap, and budget across five verticals.
- Led data labeling, ML science, ML engineering, and autonomy teams, working with full-stack teams for each vertical to launch inspection AI. The products improved analysis quality by 29%, helped attract customers and grow revenue, and cut operating costs by 27%.
- Reached roughly 90% full automation in wind and solar analysis, cutting their operational costs by over 95% and customer turnaround from about two weeks to roughly one hour.

Kespry Jan 2020 to Aug 2021

Lead AI Engineer

- Led machine-learning platform and computer-vision development for residential and industrial inspection.

Booz Allen Hamilton Jul 2019 to Jan 2020

Senior Data Scientist

- Conducted applied research in image steganography detection, purification, and adversarial robustness.

Plus One Robotics May 2018 to Jun 2019

Senior Machine Learning Engineer

- Led a two-person AI team and owned end-to-end computer-vision integration for vision-guided robotic picking cells, from software setup and tuning through delivery testing at customer sites.
- Commissioned picking cells for four major logistics clients with shared delivery-test sign-off. Increased picks per minute by 18% to meet a customer target, helping win contracts against competitors.

The University of Texas at San Antonio Feb 2013 to May 2019

Undergraduate & Graduate Research Assistant

- Conducted robotics and controls research in UAV and UGV obstacle avoidance, multi-robot formation control, and cloud robotic networks.

Additional leadership & ventures

GammaEdge LLC May 2021 to Present
Co-Founder

- Founded and grew a real-time options analytics platform serving more than 200,000 daily requests.

Strike Coach Aug 2025 to Present
Strategic AI Advisor

- Advising leadership on AI strategy and scalable growth.

Technical skills

Robotics & Physical AI: Robotics infrastructure, data collection, simulation, evaluation, and workflows for deploying AI in physical systems.

Simulation & evaluation: Isaac Sim, Isaac Lab, Cosmos, and GR00T; scenario generation, sim-to-real workflows, policy evaluation, and deployment feedback loops.

Perception & machine learning: Computer vision, object detection, RGB and thermal imagery, multimodal learning, and foundation-model evaluation.

ML infrastructure: GPU clusters, data collection and labeling workflows, production ML pipelines, model deployment, and MLOps.

Languages & frameworks: Python, C++, SQL, PyTorch, and TensorFlow.

Technical leadership: AI and robotics strategy, architecture, product roadmaps, portfolio prioritization, and multidisciplinary team building.

Education

PhD, Electrical Engineering 2016 to 2019
The University of Texas at San Antonio · Control Systems · GPA 3.95

BS, Computer Engineering 2012 to 2016
The University of Texas at San Antonio · GPA 3.6

Selected research & IP

More than 20 research publications and four patents across robotics, computer vision, and multi-agent systems. Co-inventor of *Industrial Robotics Systems and Methods for Continuous and Automated Learning* (US Patent 11,592,806). Full publication list on Google Scholar.