

Viktor Osadsky
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Education:	• Stanford University - Class of 2030 • Exeter High School, NH (2024 - 2026) • Ramstein High School, Germany (2022 - 2024)
Skills:	• Programming Languages: Python, Java, Dart, C# • Languages: English, Slovak, German • Frameworks: PyTorch, TensorFlow, ROS2 • Areas: Computer Vision, Medical Imaging, Deep Learning
Experience:	Boston Children's Hospital Computational Radiology Lab Intern (2026) Developed ML methods to estimate Crohn's disease severity from pediatric abdominal MRI. MIT Beaver Works Summer Institute Teaching Assistant (2026) Taught BWSI Autonomous Underwater Vehicle (AUV) students object detection and implementation within ROS. Helped instruct development and deployment with AUVs. Radiobotics Intern (2024-2025) Worked with machine learning engineers on a method of improving their flagship system RBFracture - a preprocessing pipeline that reduced errors from excessive background. MIT Beaver Works Summer Institute (2025) Completed highly selective, rigorous 5-week National MIT BWSI program in AUVs. Gained skills in Python, ROS, and sensors.
Research:	QCReport: Scaling Radiograph Quality Control Using Text-Derived Supervision from Radiologist Reports (2026) Accepted: Society for Imaging and Informatics in Medicine 2026 Scoring Radiography Collimation: Quantifying Background Impact Using Neural Networks (2025) Presentation: Poster, Canadian Association of Radiologists (CAR 2025), Society for Clinical Trials (SCT 2025). Publication: European Society of Radiology (ECR 2025): ECR 2025 Publication Prioritization of Pneumothorax Diagnosis: Automating an Urgency List System with Deep Learning (2024) Presentation: Poster, Canadian Association of Radiologists (CAR 2025), Society for Clinical Trials (SCT 2025). Abstract: CAR Abstract Book
Honors And Awards:	• Regeneron Science Talent Search Scholar (2026) • MIT Beaver Works Summer Institute Dr. Bob Disruptive Engineering Award (2025) • National STEM Festival Champion (2025) • JSHS DoDEA Europe 1st Place Oral Presentation/National JSHS Finalist (2023-24)