



## Alexandru Lopazan

Alexandru Lopazan is an Airworthiness Engineer working at Northrop Grumman since July of 2023 supporting the NATO Alliance Ground Surveillance program. He graduated from Embry-Riddle Aeronautical University with a Bachelor of Science in Aerospace Engineering in 2021 and with a Master of Science in Aerospace Engineering in 2023 with a focus on Structures and Materials.

During his Masters, he published his thesis, *The Role of Slip System Activations on Ni-Based Superalloy High-Temperature Fatigue Life*. As part of a Northrop Grumman Airworthiness internship that collaborated with Embry-Riddle's Aerospace Engineering department, he co-authored *Introducing Aviation Regulations and Airworthiness Certification into the Aerospace Engineering Curriculum* published by AIAA.

Originally born in Cluj-Napoca, Romania, Alex has been on aircraft throughout his life, driving him to pursue a career in aviation which eventually brought him into the world of Airworthiness.