Stanford



Pablo Nuñez Martinez

Masters Student in Aeronautics and Astronautics, admitted Autumn 2025

Bio

BIO

Pablo Nuñez Martínez is a first-year M.S. student in Aeronautics and Astronautics at Stanford University. He earned his B.S. in Mechanical Engineering from Tecnológico de Monterrey, where he graduated with academic honors and founded ELYOS Racing Team, a student initiative dedicated to designing ultra-efficient vehicles. Under his leadership, ELYOS raised over $100,000 USD in sponsorships, placed 4th at the Shell Eco-marathon Americas in both 2024 and 2025, and achieved major aerodynamic and structural advances through CFD-driven optimization and composite lightweighting. He also contributed to McGill Formula Electric in Montréal, where he worked on aerodynamics and chassis design, developing composite monocoque concepts, CFD-based downforce devices, and optimization codes for laminate theory using genetic algorithms.

Pablo's academic and research interests include aerodynamics, lightweight structures, advanced composite materials, and spacecraft systems. He is particularly interested in the development of next-generation aerospace vehicles that integrate aerodynamic efficiency, adaptability, and sustainability. His long-term goal is to contribute to the design of innovative space systems and sustainable technologies that push the boundaries of aerospace engineering.